



## 2011–2012 SEEDLING CATALOG



### Clements State Tree Nursery

- Descriptions
- Order Form
- Contact Information

## About the Nursery



**CLEMENTS STATE TREE NURSERY**, located in Mason County along the Ohio River, sits on property once owned by the grandparents of the famous American author Samuel Clemens, aka Mark Twain. Despite the similar names, the nursery is named after Charles M. Clements, an employee of the USDA Forest Service, who was instrumental in the design of the nursery.

Bare-root seedlings have been produced at Clements State Tree Nursery for nearly half a century. In recent years, the nursery has produced 1–2 million seedlings annually. This year, the nursery has a surplus of white oak, red oak, chestnut oak and sugar maple seedlings.

Seedlings are available to landowners in West Virginia and surrounding states for reforestation, coal mine reclamation, wildlife cover and Christmas tree production. Most species are native to West Virginia and all are genetically suitable for planting throughout West Virginia and its neighboring states.

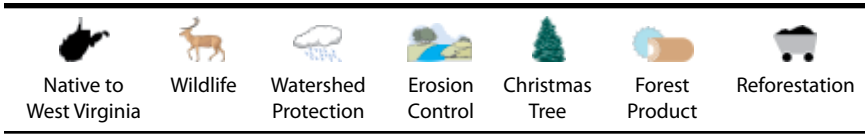
Customers may order seedlings each year from September 1 through mid-April. Shipping begins Thanksgiving week and runs through April (weather permitting). Orders may be placed by mail, over the phone or in person. Payment can be made by credit card, check or money order.

The nursery accepts orders as small as 25 seedlings, so if you need to plant one acre or 50, we have the product to meet every landowner's needs.

Jason Huffman  
*Nursery Superintendent*



# Conifers



## White Pine (*Pinus Strobus*)

Needles – 2 to 4 inches long, flexible, groups of five. Site – well-drained, moist sandy or clay loam soils. Growth habit – large tree, 60 to 100 feet high.



## Red Pine (*Pinus Resinosa*)

Needles – about 4 to 6 inches long in clusters of two. Site – well-drained, sandy soils, and elevation above 2,500 feet. Grows slow at low elevations. Growth habit – large tree, 60 to 100 feet high.



## Virginia Pine (*Pinus Virginiana*)

Needles – 1 to 3 inches long, stiff, flexible and slightly twisted, in clusters of two. Site – moderate to well-drained clay, loam or sandy soils, and elevation below 2,800 feet. Growth habit – small to medium-sized tree up to 50 feet high.



## Norway Spruce (*Picea Abies*)

Needles – 1 to 2 inches long, single. Site – well-drained loamy soils with average moisture. Growth habit – large tree 60 to 150 feet with a pyramidal crown



## Douglas Fir (*Pseudotsuga Menziesii*)

Needles – about 1 inch long, flat, straight and blunt at the tip. Site – deep, well-drained soils. Growth habit – could be a large tree over 100 feet.



## INFORMATION ON CLEMENTS TULIP POPLAR

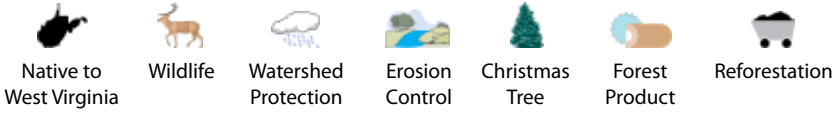
All our tulip poplar seedlings currently come from seed produced in our seed orchard. These orchard trees were judged to be “superior” after measuring height, wood volume, straightness and growth rate. Trees with characteristics good for exceptional timber production were grafted onto rootstock and planted in the orchard in the 1970s. They later crossed with each other producing “genetically improved” seed. Seedlings grown from the orchard seed can be expected to grow faster and produce higher quality timber than from seed collected in the wild.

## INFORMATION ON CLEMENTS WHITE PINE

A portion of our white pine seedlings each year come from seed produced in our seed orchard. These trees were judged to be “superior” after measuring height, wood volume, straightness and growth rate. Trees with characteristics good for exceptional timber production were grafted onto rootstock and planted in the orchard in the 1970s. They later crossed with each other producing “genetically improved” seed. Seedlings grown from the orchard seed can be expected to grow faster and produce higher quality timber than from seed collected in the wild. These seedlings can be ordered specifically upon request.



# Deciduous



## European Black Alder (*Alnus Glutinosa*)

Broadleaf. Site – wet to drier soils, improves surface spoils. Fixes nitrogen in the soil. Growth habit – 50-80 feet high. Fast growing but will generally live only 15-20 years.



## Black Locust (*Robinia Pseudoacacia*)

Compound broadleaf – stems greenish brown with sharp spines, buds alternate, submerged between spines. Site – loamy bottomlands to drier slopes, surface spoil. Growth habit – medium-sized 50 to 80 feet high, nitrogen-fixing roots.



## Sycamore (*Platanus Occidentalis*)

Broadleaf – leaves alternate, 4 to 8 inches long, stems reddish brown. Site – wet lowlands to drier uplands, surface spoil. Growth habit – large tree 100 feet high or more.



## Tulip Poplar (*Liriodendron Tulipifera*)

Broadleaf – leaves are variable shapes but generally shaped like a tulip, 3 to 5 inches long, flowers also look like tulips. Site – likes deep, well-drained but moist, rich soils. Growth habit – large tree 100 to 165 feet and rarely to 200 feet.



## Red Oak (*Quercus Rubra*)

Broadleaf – leaves dark green 4 to 9 inches with sharp pointed teeth. Site – prefers drier, well-drained uplands on northern or eastern exposures. Large tree 75 to 100 feet high.



## White Oak (*Quercus Alba*)

Broadleaf – alternate, 4 to 9 inches long and 7 to 11 rounded lobes. Site – shade tolerant, found on variety of sites, and grows best in deep, sandy loam soil on south and west-facing slopes. Growth habit – large tree growing to 100 feet or more.



NOTE: 1-0: one-year seedling 2-0: two-year seedling 3-0: three-year seedling	Code	Quantity 25-75	Quantity 100-400	Quantity 500-900	Per 1,000	TOTAL	
						Seedlings	Price
<b>Conifers</b>							
White Pine 2-0	SOLD OUT	1	\$25 / 25 trees	\$50 / 100 trees	\$30 / 100 trees	\$250 / 1000	SOLD OUT
Red Pine 2-0	SOLD OUT	2	\$25 / 25 trees	\$50 / 100 trees	\$30 / 100 trees	\$250 / 1000	SOLD OUT
Norway Spruce 2-0	SOLD OUT	3	\$25 / 25 trees	\$50 / 100 trees	\$30 / 100 trees	\$250 / 1000	SOLD OUT
Douglas Fir 2-0	SOLD OUT	4	\$25 / 25 trees	\$50 / 100 trees	\$30 / 100 trees	\$250 / 1000	SOLD OUT
Virginia Pine 2-0	SOLD OUT	5	\$25 / 25 trees	\$50 / 100 trees	\$40 / 100 trees	\$300 / 1000	SOLD OUT
Red Pine 3-0	SOLD OUT	6	\$25 / 25 trees	\$50 / 100 trees	\$40 / 100 trees	\$300 / 1000	SOLD OUT
White Pine 3-0	SOLD OUT	7	\$25 / 25 trees	\$50 / 100 trees	\$40 / 100 trees	\$300 / 1000	SOLD OUT
Douglas Fir 3-0	SOLD OUT	8	\$25 / 25 trees	\$50 / 100 trees	\$40 / 100 trees	\$300 / 1000	SOLD OUT
<b>Hardwoods</b>							
Red Oak 1-0		9	\$25 / 25 trees	\$65 / 100 trees	\$45 / 100 trees	\$300 / 1000	
White Oak 1-0		10	\$25 / 25 trees	\$65 / 100 trees	\$45 / 100 trees	\$350 / 1000	
Chestnut Oak 1-0		11	\$25 / 25 trees	\$65 / 100 trees	\$45 / 100 trees	\$200 / 1000	
Shagbark Hickory 2-0		12	\$25 / 25 trees	\$65 / 100 trees	\$45 / 100 trees	\$300 / 1000	
Shagbark Hickory 3-0		13	\$25 / 25 trees	\$65 / 100 trees	\$45 / 100 trees	\$300 / 1000	
Black Cherry 1-0	SOLD OUT	14	\$25 / 25 trees	\$65 / 100 trees	\$45 / 100 trees	\$350 / 1000	SOLD OUT
American Plum 1-0	SOLD OUT	15	\$25 / 25 trees	\$65 / 100 trees	\$45 / 100 trees	\$350 / 1000	SOLD OUT
Tulip Poplar 1-0	SOLD OUT	16	\$25 / 25 trees	\$65 / 100 trees	\$45 / 100 trees	\$350 / 1000	SOLD OUT
Chinese Chestnut 1-0	SOLD OUT	17	\$25 / 25 trees	\$65 / 100 trees	\$45 / 100 trees	\$350 / 1000	SOLD OUT
Black Walnut 1-0	SOLD OUT	18	\$25 / 25 trees	\$65 / 100 trees	\$45 / 100 trees	\$350 / 1000	SOLD OUT
American Chestnut 1-0	SOLD OUT	19	\$50 / 25 trees	\$125 / 100 trees	\$90 / 100 trees	N/A	SOLD OUT
Allegheny Chinquapin 1-0	SOLD OUT	20	\$50 / 25 trees	\$125 / 100 trees	\$90 / 100 trees	N/A	SOLD OUT



**CLEMENTS STATE TREE NURSERY  
2011-2012 SEEDLING ORDER FORM  
WEST VIRGINIA DIVISION OF FORESTRY  
DEPARTMENT OF COMMERCE**

***Seedling orders will be filled Thanksgiving week through mid-April (weather permitting)***

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

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

City/State/ZIP: \_\_\_\_\_

Daytime Telephone: \_\_\_\_\_ Evening Telephone: \_\_\_\_\_ Cell Phone: \_\_\_\_\_

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

Planting to be in which WV county: \_\_\_\_\_

Planting outside West Virginia: \_\_\_\_\_

**PAYMENT**    Check    Money Order

Credit Card (Call Nursery) 304-675-1820

Check or Money Order amount \_\_\_\_\_

Check or Money Order # \_\_\_\_\_

Date of Check or Money Order \_\_\_\_\_

**ORDER INSTRUCTIONS**

My order is for:

Fall 2011    Spring 2012

I plan to:

Pick-up    U.S. Mail

**Desired Date** \_\_\_\_\_

Call nursery before picking up trees.

**\*NO GUARANTEE OF SURVIVAL.** SEEDLINGS SHOULD BE EXAMINED ON ARRIVAL. IF IN UNSATISFACTORY CONDITION, CONTACT THE CLOSEST REGIONAL OFFICE IMMEDIATELY TO DETERMINE THE PLANTIBILITY.

**MAIL THE COMPLETED ORDER FORM — FRONT AND BACK  
WITH PAYMENT — DIRECTLY TO THE NURSERY**

Clements State Tree Nursery  
624 Forestry Drive  
West Columbia, WV 25287  
304-675-1820 Fax 304-675-6626

**website: [www.wvforestry.com](http://www.wvforestry.com) (to download order form)**

**Make Check or Money Order Payable to: WV Division of Forestry**

**THESE SEEDLINGS ARE NOT FOR RESALE.** THEY ARE PROVIDED BY THE STATE NURSERY FOR REFORESTATION, EROSION CONTROL, CHRISTMAS TREE ESTABLISHMENTS, SHELTER BELTS, WINDBREAKS AND WILDLIFE. THE DIVISION RESERVES THE RIGHT TO SUBSTITUTE, PRORATE OR CANCEL ORDERS, IF NECESSARY, DUE TO LOSS FROM WEATHER, INSECT OR FUNGUS DAMAGE AND/OR OTHER UNCONTROLLABLE FACTORS.

**SEEDLINGS WILL BE DELIVERED BY U.S. MAIL.**



**Chestnut Oak (*Quercus Prinus*)**

Broadleaf – leaves are irregularly scalloped and rounded.

Site – usually found on rocky ridges. Growth habit – 60 to 90 feet high.



**American Chestnut (*Castanea Dentata*)**

Broadleaf – leaves are 6 to 8 inches long, tapering both ways, bearing coarse, incurved teeth along the margins. In autumn, large spiny burs produce 1 to 5 nuts. Minimum seed-bearing age – 4 years. Site – once common on hill slopes in gravelly or rocky, well-drained soils. Growth habit – rapid growing tree that usually reaches 12 to 20 feet before it becomes affected by the chestnut blight.

The trees can grow 60 to 100 feet. **Note: the trees we have show a resistance to chestnut blight but it is too soon to claim resistance. Trees normally die as they bear the second crop of nuts. We’ve been collecting since 1980.**



**Chinese Chestnut (*Castanea Mollissima*)**

Broadleaf – leaves are 6 to 8 inches, coarse incurved teeth along margins, similar to American, Chinese has hair on underside. Minimum seed-bearing age – 4 years. Site – prefers well-drained fertile soils. Growth habit – general form is like that of an apple tree with a spreading crown, usually about 50 feet high.



**Red Maple (*Acer Rubrum*)**

Broadleaf – opposite, 3 to 6 inches, palmately 3 to 5 lobed. Site – shade tolerant, variety of sites from rocky uplands to bottomlands and swamps. Growth habit – medium to large tree reaching up to 100 feet.



**Eastern Redbud (*Cercis Canadensis*)**

Broadleaf – alternate, heart-shaped, 2 to 4 inches long. Site – shade tolerant, found on moist, rich soils. Growth habit – small tree reaching up to 40 feet.



**Silky Dogwood (*Cornus Amomum*)**

Broadleaf – opposite, ovate, 2 to 4 inches long. Site – shade tolerant, found on moist to wet sites. Growth habit – small shrub reaching up to 10 feet tall.

Howerting Dogwood 1-0	SOLD OUT	21	\$25 / 25 trees	\$60 / 100 trees	\$40 / 100 trees	\$300 / 1000	SOLD OUT	SOLD OUT
Silky Dogwood 1-0		22	\$25 / 25 trees	\$60 / 100 trees	\$40 / 100 trees	\$300 / 1000		
Gray Dogwood 1-0	SOLD OUT	23	\$25 / 25 trees	\$60 / 100 trees	\$40 / 100 trees	\$300 / 1000	SOLD OUT	SOLD OUT
Gray Dogwood 2-0	SOLD OUT	24	\$25 / 25 trees	\$60 / 100 trees	\$40 / 100 trees	\$300 / 1000	SOLD OUT	SOLD OUT
Silky Dogwood 2-0		25	\$25 / 25 trees	\$60 / 100 trees	\$40 / 100 trees	\$300 / 1000		
River Birch 2-0	SOLD OUT	26	\$25 / 25 trees	\$60 / 100 trees	\$40 / 100 trees	\$300 / 1000	SOLD OUT	SOLD OUT
Sycamore 1-0	SOLD OUT	27	\$25 / 25 trees	\$60 / 100 trees	\$40 / 100 trees	\$300 / 1000	SOLD OUT	SOLD OUT
European Black Alder 1-0	SOLD OUT	28	\$25 / 25 trees	\$60 / 100 trees	\$40 / 100 trees	\$300 / 1000	SOLD OUT	SOLD OUT
Speckled Alder 2-0	SOLD OUT	29	\$25 / 25 trees	\$60 / 100 trees	\$40 / 100 trees	\$300 / 1000	SOLD OUT	SOLD OUT
Red Maple 1-0	SOLD OUT	30	\$25 / 25 trees	\$60 / 100 trees	\$40 / 100 trees	\$300 / 1000	SOLD OUT	SOLD OUT
Sugar Maple 3-0		31	\$25 / 25 trees	\$60 / 100 trees	\$40 / 100 trees	\$200 / 1000		
Streamco Purplisier Willow Cuttings		32	\$25 / 25 trees	\$60 / 100 trees	\$40 / 100 trees	\$300 / 1000		
Redbud 1-0		33	\$25 / 25 trees	\$60 / 100 trees	\$40 / 100 trees	\$300 / 1000		
Black Locust 1-0		34	\$25 / 25 trees	\$40 / 100 trees	\$20 / 100 trees	\$150 / 1000		
<b>SUBTOTAL</b>								
<b>Surrounding states KY, OH, PA, MD — 20% shipping</b>								
<b>WV residence — 15% shipping</b>								
<b>GRAND TOTAL</b>								

**NO shipping and handling charges when trees are picked up at the nursery.  
20% DISCOUNT available on orders of 5,000 or more. Call if interested.**

### Flowering Dogwood (*Cornus Florida*)

Broadleaf – opposite, 2 to 5 inches long, veins curving toward the leaf margin, shiny green above and paler below. Site – shade tolerant and found on variety of sites. Growth habit – small tree growing to 40 feet.



### Black Cherry (*Prunus Serotina*)

Broadleaf – alternate, 2 to 5 inches long, finely saw-tooth margin, rounded base and pointed tip. Site – shade tolerant, grows best on moist fertile sites. Growth habit – medium to large tree growing to 100 feet or more.



### Black Walnut (*Juglans Nigra*)

Compound broadleaf – stems stout, light-brown to orange-brown. Minimum seed-bearing age – 12 years. Site – well-drained soils, average to low moisture. Growth habit – large tree with a spreading crown, 70 to 100 feet and up.



### Shagbark Hickory (*Carya Ovata*)

Compound broadleaf – alternate, 8 to 20 inches long with 7 to 9 leaflets, and finely saw-tooth margin. Site – shade intolerant, found on bottomlands to upland sites. Growth habit – large tree reaching heights over 100 feet.



### Streamco Purpleosier Willow (*Salix Purpurea*)

Broadleaf – leaves are 2 to 4 inches long. Site – well-drained to imperfectly drained soils are most suitable. Growth habit – medium to tall rapid growing shrub 10 to 20 feet high with smooth slender branches.



### Sugar Maple (*Acer saccharum*)

Broadleaf – leaves, opposite, simple, 3-5 inches across with 5 pointed lobes, and brilliant fall color. Site – fertile, moist, well-drained soils. Growth Habit – slow growing with a beautiful symmetrical crown. The State Tree attains a height exceeding 100 feet.



### Gray Dogwood (*Cornus racemosa*)

Broadleaf – opposite, simple, ovate, 2.5-3 inches long, bark is light ashy gray and smooth when young. Site – will grow on moist, well-drain soils in full sun, grows on wet sites. Growth Habit – small to medium sized shrub up to 10 feet high.



### Speckled Alder (*Alnus rugosa*)

Broadleaf – Alternate, simple, oval, double serrated, and 2-4 inches long. Bark – smooth, reddish brown. Site – grows well along stream banks, lakes, and in swamps. Fixes nitrogen in the soil. Growth Habit – small clumping shrub that reaches 25 feet tall.



### River Birch (*Betula nigra*)

Broadleaf – alternate, simple, rhombic to ovate, 1.5-3 inches long, conspicuously double serrated. Bark – smooth on young trees, salmon to rust color; developing paper scales, exfoliating horizontally with several colors (creamy to orangish-brown). Site – primarily a stream bank tree. Growth Habit – medium size tree reaching up to 70 feet tall.



### American Plum (*Prunus americana*)

Broadleaf – alternate simple, ovate, finely serrated margin, and 3-4 inches long. Bark – reddish gray, smooth when young, late becoming rough with ridges and exfoliating curling strips. Site – grows well in woodlands, pastures, and along riverbanks. Growth Habit – shrubby, small tree, reaching up to 30 feet tall. Produces edible fruit.



### Allegheny Chinquapin (*Castanea pumila*)

Broadleaf – alternate, simple, oblong, 3-6 inches long, and coarsely toothed margin. Bark – light reddish brown with shallow furrows. Minimum seed-bearing age – 2 years. Site – prefers dry ridges and slopes. Growth Habit – grows as a shrub about 15-20 feet tall. Produces a small chestnut seed.



# Contact Information

If you need assistance filling out your order form you may contact the nursery directly at the following address and/or telephone number. The nursery will always have the current availability of all stock and will be in the best position to describe the sizes and appearance of the stock.

## Clements State Tree Nursery

624 Forestry Drive  
West Columbia, WV 25287

**Phone:** 304-675-1820

**Fax:** 304-675-6626

**E-mail:** [clements.state.treenursery@wv.gov](mailto:clements.state.treenursery@wv.gov)

If you would prefer to make a more local call, you may call one of the following offices. Each of these offices should have fairly recent availability information on the stock.

## Region 1

WV Division of Forestry  
P.O. Box 40  
Farmington, WV 26571  
**Phone:** 304-825-6983

WV Division of Forestry  
1 Depot Street  
Romney, WV 26757  
**Phone:** 304-822-4512

## Region 2

WV Division of Forestry  
330 Harper Park Drive, Suite J  
Beckley, WV 25801  
**Phone:** 304-256-6775



## Region 3

WV Division of Forestry  
P. O. Box 189  
878 East Main Street, Rear  
Milton, WV 25541  
**Phone:** 304-743-6186

WV Division of Forestry  
2309 Gihon Road  
Parkersburg, WV 26101  
**Phone:** 304-420-4515

Another source of information and assistance is the WV Division of Forestry website:

**[www.wvforestry.com](http://www.wvforestry.com)**

(Just click on *Nursery*)



**Clements State Tree Nursery**

624 Forestry Drive

West Columbia, WV 25287

