


# 2025 BAREROOT PLANT SALE



Select species offered at reduced price to support post-Helene streambank restoration. Look for the  symbol!



## TREES & SHRUBS

- Native trees and shrubs adapted to mountain region
- Sold as bare root seedlings



## NATIVE GRASSES AND FERNS

- Native grasses for restoration and ornamental use sold as plugs
- New for 2025! Ferns sold in ~1 gallon pots













## RASPBERRIES & APPLE TREES

- Fruit trees and raspberry canes suitable for mountain regions
- Sold bare root



**BUNCOMBE COUNTY**  
SOIL & WATER  
CONSERVATION DISTRICT

YOUR PURCHASE SUPPORTS LOCAL  
ENVIRONMENTAL EDUCATION!

Common Name	Scientific Name	Size	Price
Sweet Birch	<i>Betula lenta</i>	18 - 24"	\$4
Washington Hawthorn	<i>Crataegus phaenopyrum</i>	12 - 18"	\$4
Common Witch-hazel	<i>Hamamelis virginiana</i>	12 - 18"	\$4
Eastern Redbud	<i>Cercis canadensis</i>	12 - 18"	\$4
Persimmon	<i>Diospyros virginiana</i>	12 - 18"	\$5
Paw Paw	<i>Asimina triloba</i>	12 - 18"	\$5
Downy Serviceberry	<i>Amelanchier arborea</i>	12 - 18"	\$4
 Black Chokeberry	<i>Aronia melanocarpa</i>	18 - 24"	\$2
 Silky Dogwood	<i>Cornus amomum</i>	12- 18"	\$2
Arrowwood Viburnum	<i>Viburnum dentatum</i>	12 - 18"	\$5
Sweetshrub	<i>Calycanthus floridus</i>	12 - 18"	\$4
 Buttonbush	<i>Cephalanthus occidentalis</i>	12 - 18"	\$2
 Coralberry	<i>Symphoricarpos orbiculatus</i>	18 - 24"	\$2
 Elderberry	<i>Sambucus nigra</i>	18 - 24"	\$2
 Pussywillow	<i>Salix discolor</i>	12 - 18"	\$2
 Black Willow	<i>Salix nigra</i>	12 - 18"	\$2
Hay-scented Fern	<i>Sitobolium punctilobulum</i>	#1 grade (~1 gal)	\$5
 Cinnamon Fern	<i>Osmundastrum cinnamomeum</i>	#1 grade (~1 gal)	\$3
 Indian Grass	<i>Sorghastrum nutans</i>	plug	\$1
Little Bluestem	<i>Schizacharium scoparium</i>	plug	\$2
 River Oats	<i>Chasmanthium latifolium</i>	plug	\$2
Wolf River Apple	<i>Malus domestica</i>	4 - 5'	\$15
Honeycrisp Apple	<i>Malus domestica</i>	4 - 5'	\$15
Brown Turkey Fig	<i>Ficus carica</i>	1 - 2'	\$10
Heritage Red Raspberry	<i>Rubus idaeus</i>	1 yr, 12 - 15"	\$6
Cumberland Black Raspberry	<i>Rubus occidentalis</i>	1 yr, 12 - 15"	\$5

 = Priced at cost to support streambank recovery



**Sweet Birch**  
*Betula lenta*

- Fast-growing with bright yellow-gold fall foliage
- Dark, shiny, lenticled bark traditionally used to produce wintergreen oil
- Tolerates moist, sandy, and rocky soils
- Deer and fire resistant
- Host plant for mourning cloak and dreamy duskywing butterflies, supports songbirds

Sun	Moisture	Size	Blooms
Full sun - part shade	Moist - Well-drained	60 - 70 ft	Spring



**Washinton Hawthorn**  
*Crataegus phaenopyrum*

- Small, thorny tree with fragrant white blossoms in late spring, red-orange to purple fall foliage, and bright, shiny red, edible berries that last into winter
- Supports a variety of pollinators, songbirds, game birds, and small mammals
- Can be pruned into a hedge
- Deer resistant, tolerates heavy clay

Sun	Moisture	Size	Blooms
Full sun - part shade	Moist - Well-drained	25 - 30 ft	Spring



**Common Witch-hazel**  
*Hamamelis virginiana*

- Shrub/small tree with attractive fall foliage and fragrant yellow flowers that persist after leaf drop
- Typically grows in a rounded clump about as wide as it is tall
- Supports pollinators, songbirds, and turkey
- Tolerates deer browse, heavy clay, and erosion

Sun	Moisture	Size	Blooms
Full sun - Part Shade	Medium	15 - 20 ft	Fall



**Eastern Redbud**  
*Cercis canadensis*

- Adaptable understory tree with showy spring blooms that provide early nectar for pollinators
- In the pea family - young leaves, buds, and flowers are edible!
- Sensitive to herbicide

Sun	Moisture	Size	Blooms
Full sun - part shade	Medium	20 - 30 ft	Early spring



**Persimmon**  
*Diospyros virginiana*

- Small fragrant flowers bloom May-June
- Delicious, date-like orange fruits mature in the fall after the first frost and are a favorite of possums and deer
- Distinctive, gray blocky bark
- Spectacular yellow to flame-like fall foliage

Sun	Moisture	Size	Blooms
Full sun - part shade	Dry - medium	30 - 60 ft	Late spring



**Paw Paw**  
*Asimina triloba*

- Fruit tastes similar to a mango or papaya (require at least two trees and adequate sun for fruit production)
- Develop clumps/thickets in forest understory, but typically assumes pyramid shape in sunny locations with dark green leaves turning yellow in Fall

Sun	Moisture	Size	Blooms
Full sun - part shade	Moist, well drained	15 - 30 ft	Early spring



**Downy Serviceberry**

*Amelanchier arborea*

- Multi-stemmed small tree/large shrub that can be pruned into a variety of forms including borders or specimen tree
- Fragrant white flowers and edible berries provide high wildlife value
- Tolerates a range of conditions

Sun	Moisture	Size	Blooms
Full sun - part shade	Moist - Occasionally Dry	15 - 25 ft	Spring



**Black Chokeberry**

*Aronia melanocarpa*



- Spreading, multi-stemmed shrub that tolerates a wide variety of conditions including boggy soils
- Excellent for riparian and wetland areas
- Flowers and fruit add high wildlife and pollinator value
- Fruits are edible to humans but astringent

Sun	Moisture	Size	Blooms
Full sun - part shade	Wet - Dry	3 - 10 ft	Late Spring



**Silky Dogwood**

*Cornus amomum*



- Thicket-forming shrub that thrives along ponds, streams, and wetlands
- Excellent choice for erosion control and streambank stabilization
- Flowers and fruit add high wildlife and pollinator value
- Resistant to deer, black walnut, drought

Sun	Moisture	Size	Blooms
Full sun - deep shade	Wet - medium	6 - 12 ft	Late Spring



**Arrowwood Viburnum**

*Viburnum dentatum*

- Medium-sized shrub that works well as a specimen or pruned into a hedge
- Tolerates a wide variety of soils and thrives along wetlands, ponds, or streams
- Attracts pollinators, songbirds, grouse and turkey

Sun	Moisture	Size	Blooms
Full sun - part shade	Moist, well drained	5 - 10 ft	Early spring



**Sweetshrub**

*Calycanthus floridus*

- Also known as Carolina allspice, this large shrub produces large, fragrant burgundy flowers followed by dark, glossy leaves
- Can be shaped with pruning or allowed to spread and naturalize via suckers
- Attracts pollinators and songbirds
- Deer and fire resistant

Sun	Moisture	Size	Blooms
Full sun - deep shade	Well-drained	6 - 12 ft	Spring



**Buttonbush**

*Cephalanthus occidentalis*



- Unique spherical flower clusters; glossy green foliage turns yellow in fall
- High value to bees, butterflies, and birds
- Excellent addition to rain gardens, riparian, and wetland areas
- Prune to shape after flowering

Sun	Moisture	Size	Blooms
Full sun - part shade	Medium - wet	6 - 12 ft	Summer



**Coralberry**  
*Symphoricarpos orbiculatus*



- Low, dense, colonial shrub that provides great ground cover and excellent erosion control
- High value to pollinators and wildlife
- Need more than one individual to produce bright pink berries in fall that last into winter

Sun	Moisture	Size	Blooms
Full sun - part shade	Moist - dry	2 - 4 ft	Summer



**Elderberry**  
*Sambucus nigra*



- Year-round interest with large clusters of fragrant white flowers, dark purple-black berries, and yellow fall foliage
- Fast-growing and aggressively outcompetes weeds
- Excellent erosion control for moist slopes
- Attracts pollinators, birds, and wildlife

Sun	Moisture	Size	Blooms
Full sun - part shade	Medium - wet	6 - 12 ft	Late spring - early summer



**Pussywillow**  
*Salix discolor*



- Silvery-gray catkins in the spring and yellow fall foliage provide seasonal interest
- Highly tolerant of wet soil and valued for wetland restoration and erosion control
- Early nectar source for pollinators

Sun	Moisture	Size	Blooms
Full sun - shade	Medium - wet	6 - 20 ft	Early spring

**Black Willow***Salix nigra*

- Large, fast-growing willow that thrives in wet conditions
- Spreading, shallow root system is excellent for soil retention and erosion control
- Best suited for naturalized areas as it is prone to breakage and can be messy
- Larval host to several pollinators

Sun	Moisture	Size	Blooms
Full sun - part shade	Wet - Moist	70 - 80 ft	Late spring - early summer

## PLANTING BAREROOT SAPLINGS

- Keep roots moist until planting.
- Dig a hole twice the size of the root system.
- Loosen the soil throughout the hole and on the walls of the hole.
- Minimize any amendments such as compost and organic matter in the planting hole.
- DO NOT add fertilizer into the hole as this may burn the young roots.
- Ensure root flare (where the first main roots attach to the trunk) is above the soil line.
- Backfill the hole and press the soil firmly around the base to ensure there are no air pockets.
- Water the tree thoroughly after planting.
- Provide at least one inch of water to the tree weekly during the growing season for the first year.





## River Oats

*Chasmanthium latifolium*

- Low-maintenance clumping grass with large, attractive seed heads
- Seeds turn coppery -brownish purple in the fall
- Self-seeds and can spread aggressively, excellent erosion control in moist areas
- High value to wildlife, especially birds

Sun	Moisture	Size	Blooms
Part shade - full shade	Moist - wet	2 - 4 ft	Late summer



## Indian Grass

*Sorghastrum nutans*

- Hardy bunchgrass with showy yellow gold flower heads in the fall
- Good erosion control, drought tolerant, and deer resistant
- Self-seeding, can cut it back to the ground in late winter to early spring just before the new growth appears

Sun	Moisture	Size	Blooms
Full sun	Medium	5 - 7 ft	Fall



## Little Bluestem

*Schizacharium scoparium*

- Blue-green foliage turns to coppery color in the fall
- Forms narrow clumps well suited to borders and accents
- Highly drought tolerant and deer resistant.
- Attracts birds and butterflies

Sun	Moisture	Size	Blooms
Full sun	Dry - medium	2 - 4 ft	Summer - fall



**Hay-scented Fern**  
*Sitobolium punctilobulum*

- Forms patches of fronds and provides soft-textured ground cover
- Thrives in dry, rocky woodlands and clearings
- Arching, delicate fronds turn gold/yellow in the fall
- Resistant to deer and rabbits

Sun	Moisture	Size	Blooms
Full sun - part shade	Moist - Occasionally Dry	1 - 2 ft	N/A



**Cinnamon Fern**   
*Osmundastrum cinnamomeum*

- Large clumping fern is long-lived and low-maintenance
- Grows easily in moist, boggy ground and thrives along streams and wetlands
- Extensive root systems stabilize wet soils
- Songbirds use the cinnamon-colored fibers at the base of the plant to line their nests

Sun	Moisture	Size	Blooms
Full sun - deep shade	Occasionally Wet - Moist	2 - 3 ft	N/A

## PLANTING NATIVE GRASS PLUGS

- Keep plugs out of the sun and moist until planting to avoid drying out.
- Space plugs about 12" off center from each other, use a grid formation for mass/drift plantings.
- The hole depth should allow the plant's crown to lie at soil level.
- Water immediately after planting and apply mulch.



## “Brown Turkey” Fig

*Ficus carica*

- Fast-growing, multi-stemmed fig that produces two yearly harvests
- Does well in containers if overwintered indoors
- Although a cold-hardy variety, needs protection from temperatures under 10 degrees
- Self-pollinating, can plant singly

Sun	Zone	Size	Harvest
Full sun	6a - 9b	10 - 30 ft	Spring/Summer & Early Fall



## “Wolf River” Apple

*Malus domestica*

- Large heritage apple known for frost-hardiness and disease resistance
- Fruit is relatively dry, fine-textured, and moderately acidic
- Favored for cooking, baking, and especially prized for apple butter
- Requires a different variety for pollination

Sun	Zone	Size	Harvest
Full sun	4 - 8	12 - 16 ft	Mid-Sept. - Early Oct.



## “Honeycrisp” Apple

*Malus domestica*

- A popular commercial variety with a cold-hardy, compact tree
- Juicy, sweet, and tart fruit is ideal for fresh eating and baking
- Stores well in dry, cool conditions
- Pollinate with another variety

Sun	Zone	Size	Harvest
Full sun	3 - 8	12 - 15 ft	Early Sept.



**“Heritage Red”**

*Rubus idaeus*

- A red ever-bearing variety with a moderate harvest in July and a heavy harvest in September that persists until frost
- Cold-hardy and self-pollinating
- Flavorful, firm fruit works well for fresh eating and cooking
- Tolerates poor soil

Sun	Zone	Size	Harvest
Full sun	4 - 8	4 - 6 ft	July & Sept.



**“Cumberland Black”**

*Rubus occidentalis*

- An heirloom cold-hardy, high-yield black raspberry variety
- Berries are medium-large and dark with deep flavor
- Known for vigorous growth and sweet berries
- Self-pollinating

Sun	Zone	Size	Harvest
Full sun	4 - 9	4 - 6 ft	Sept.

## PLANTING BERRY BUSHES

- All berries come as bare root seedlings.
- Set plants 4 - 8 feet apart.
- Dig holes twice the size of the root mass.
- Set the plant 2 inches deeper than it was growing in the nursery, keeping the crown (where the roots meet the stem) at or above the soil level.
- Fill the hole with the soil, firm around roots and water deeply. Mulch with 3-4 inches of compost or pine needles.
- Do not fertilize until leaf out.

## PHOTO CREDITS

Bare root seedlings: Eli Sagor, 2007

Bare root blueberry: Spectrum Analytic Inc., 2013

Sweet Birch: Adrian Thomale [CC BY-SA 3.0](#)

Sweet Birch inset: Kent McFarland [CC BY-NC 2.0](#)

Washinton Hawthorn: F. D. Richards [CC-BY-SA 2.0](#)

Hawthorn inset: Taryn Domingos [CC BY-NC-ND 2.0](#)

Persimmon fruit inset: Puddin Tain, 2018

Downy Serviceberry: peverdonk [CC BY-NC 2.0](#)

Downy Serviceberry inset: Jim Robbins [CC BY-NC-ND 4.0](#)

Silky Dogwood: Dan Mullan [CC BY-NC-SA 2.0](#)

Silky Dogwood inset: Kent McFarland [CC BY-NC 2.0](#)

Arrowwood Viburnum: Fritz Flohr Reynolds [CC BY-SA 4.0](#)

Arrowwood Viburnm inset: uacescomm [CC BY-NC 4.0](#)

Coralberry: Cranbrook Science [CC BY 4.0](#)

Coralberry inset: Cillas [CC BY-SA 4.0](#)

Black Willow: Bruce Marlin [CC BY-SA 2.0 DE](#)

Hay-scented fern: desultrix [CC-BY-SA 2.0](#)

Hay-scented fern inset: Kathleen Moore [CC BY 2.0](#)

Cinnamon fern: desultrix [CC-BY-SA 2.0](#)

Cinnamon fern inset: Nicholas A. Tonelli [CC BY 2.0](#)