



# U.S. National Arboretum Tree Introductions



**'Brandywine' red maple**  
*Acer rubrum* 'Brandywine'

**Size:** 25' tall x 12' wide at 12 years  
**Habit:** Symmetrical, oval habit; deciduous.  
**USDA Hardiness Zones:** 4–8  
**Culture:** Adaptable to a wide range of soil conditions. Prefers slightly acid, moist soils.

Long-lasting fall color that begins red and turns brilliant purple-red. Seedless male selection with improved tolerance to potato leafhopper.



**'New World' red maple**  
*Acer rubrum* 'New World'

**Size:** 31' tall x 15' wide at 20 years  
**Habit:** Moderately upright with lower branches upright, higher branches flaring outward.  
**USDA Hardiness Zones:** 4b-7  
**Culture:** Adaptable to a wide range of soil conditions. Prefers slightly acid, moist soils.

Bright-orange-red fall color. Hardy seedless male selection; excellent tolerance to potato leafhopper.



**'Red Rocket' red maple**  
*Acer rubrum* 'Red Rocket'

**Size:** 34' tall x 9' wide at 20 years  
**Habit:** Strongly columnar deciduous tree.  
**USDA Hardiness Zones:** 3–7  
**Culture:** Adaptable to a wide range of soil conditions. Prefers slightly acid, moist soils.

Bright-red to red-orange fall color and dense leaf canopy. Hardy seedless male selection with improved tolerance to potato leafhopper.



**'Somerset' red maple**  
*Acer rubrum* 'Somerset'

**Size:** 23' high x 11' wide at 12 years  
**Habit:** Moderately ovate, deciduous tree.  
**USDA Hardiness Zones:** 4–8  
**Culture:** Adaptable to a wide range of soil conditions. Prefers slightly acid, moist soils.

Excellent long-lasting red fall color. Seedless male selection with improved leafhopper tolerance.



**'Sun Valley' red maple**  
*Acer rubrum* 'Sun Valley'

**Size:** 21' high x 10' wide at 12 years  
**Habit:** Deciduous tree with very dense symmetrical ovate crown.  
**USDA Hardiness Zones:** 4–7  
**Culture:** Adaptable to a wide range of soil conditions. Prefers slightly acid, moist soils.

Brilliant, long-lasting red fall color. Seedless male selection with improved leafhopper tolerance.



**'Arapaho' crapemyrtle**  
*Lagerstroemia* 'Arapaho'

**Size:** 20' tall x 10' wide  
**Habit:** Deciduous multi- or single-stemmed upright tree.  
**USDA Hardiness Zones:** 7–9  
**Culture:** Full sun, well-drained soils.

Mildew-resistant selection with glossy dark-green leaves and eye-catching large red inflorescences from July to September.



**'Natchez' crapemyrtle**  
*Lagerstroemia* 'Natchez'

**Size:** 30' tall x 30' wide  
**Habit:** Deciduous, multi- or single-stemmed arching tree.  
**USDA Hardiness Zones:** 7–9  
**Culture:** Full sun, well-drained soil.

Mildew-resistant selection with pure-white flowers and outstanding ornamental bark is the most popular crapemyrtle sold in the United States.



**'Galaxy' magnolia**  
*Magnolia* 'Galaxy'

**Size:** 30' tall x 22' wide  
**Habit:** Deciduous single-trunked, upright tree with narrow crown and ascending branches.  
**USDA Hardiness Zones:** 5–9  
**Culture:** Full sun; adaptable to a wide range of soil and cultural conditions.

Upright habit suitable for street tree planting. Striking red-purple blooms appear in early spring before leaves.



**'Jane' magnolia**  
*Magnolia* 'Jane'

**Size:** 30' tall x 20' wide  
**Habit:** Deciduous multistemmed small tree.  
**USDA Hardiness Zones:** 3–8  
**Culture:** Full sun to light shade; tolerant of heavy clay soils or dry areas.

Large single pink flowers appear in late spring with sporadic blooming throughout summer. Mostly seedless triploid selection.



**'Adirondack' crabapple**  
*Malus* 'Adirondack'

**Size:** 18' tall x 16' wide  
**Habit:** Deciduous narrow upright branched small tree.  
**USDA Hardiness Zones:** 4–8  
**Culture:** Full sun to light shade; diverse soil and moisture adaptation.

Highly disease-tolerant selection with unique upright habit. Dark-red flower buds open to a profusion of white, slightly fragrant flowers.



**'Columbia' hybrid planetree**  
*Platanus x acerifolia* 'Columbia'

**Size:** 50' high x 45' wide or more at maturity  
**Habit:** Erect single-stemmed large deciduous tree.  
**USDA Hardiness Zones:** 5–8  
**Culture:** Adaptable and tolerant of most soils including highly compacted or high-pH soils.

Handsome exfoliating bark develops early and is highly ornamental in winter. Foliage has excellent tolerance to sycamore anthracnose and remains clean through autumn.



**'Dream Catcher' flowering cherry**  
*Prunus* 'Dream Catcher'

**Size:** 25' tall x 15' wide  
**Habit:** Deciduous upright vase-shaped tree.  
**USDA Hardiness Zones:** 6–8  
**Culture:** Full sun, well-drained soil.

Large clear medium-pink flowers appear in early spring, followed by dark-green disease-tolerant foliage with yellow fall color.



**'First Lady' flowering cherry**  
*Prunus* 'First Lady'

**Size:** 27' tall x 14' wide  
**Habit:** Deciduous, strongly upright tree.  
**USDA Hardiness Zones:** 6–8  
**Culture:** Full sun, well-drained soil.

Stunning dark rose-pink single semi-pendulous flowers in early spring. Glossy, heavy textured foliage throughout summer.



**'Frontier' hybrid elm**  
*Ulmus* 'Frontier'

**Size:** 27' tall x 16' wide at 19 years  
**Habit:** Medium-sized tree with broadly upright vase shape; deciduous.  
**USDA Hardiness Zones:** 5–8  
**Culture:** Adaptable to variety of soil conditions.

Glossy burgundy to red-purple fall foliage. Low maintenance tree with resistance to Dutch elm disease and pests. No seed set observed.



**'Jefferson' American elm**  
*Ulmus americana* 'Jefferson'

**Size:** 68' tall x 50' wide at 70 years  
**Habit:** Classic vase-shaped crown; deciduous.  
**USDA Hardiness Zones:** 4–7  
**Culture:** Adaptable to environmental stresses and wide range of soil conditions.

Triploid selection with high tolerance to Dutch elm disease. U.S. National Park Service and U.S. National Arboretum joint introduction.



**'New Harmony' American elm**  
*Ulmus americana* 'New Harmony'

**Size:** 68' tall x 72' wide at maturity  
**Habit:** Broadly V-shaped crown with many slender drooping branches, deciduous.  
**USDA Hardiness Zones:** 5–7  
**Culture:** Adaptable to environmental stresses and wide range of soil conditions.

Distinctly upright as young tree. Highly tolerant to Dutch elm disease.



**'Valley Forge' American elm**  
*Ulmus americana* 'Valley Forge'

**Size:** 60'+ tall x 40' wide at maturity  
**Habit:** Classic upright arching vase-shaped form, deciduous.  
**USDA Hardiness Zones:** 5–7  
**Culture:** Adaptable to environmental stresses and wide range of soil conditions.

Full, dense leaf canopy with traditional American elm habit. Highly tolerant to Dutch elm disease.



**'Prospector' elm**  
*Ulmus davidiana* var. *japonica* 'Prospector'

**Size:** 50' tall x 25' wide at maturity  
**Habit:** Deciduous, single-trunked tree, developing vase shape at early age.  
**USDA Hardiness Zones:** 4–7  
**Culture:** Adaptable to variety of soil conditions.

Deciduous, smaller than American elm; develops vase shape at an early age.