

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

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.



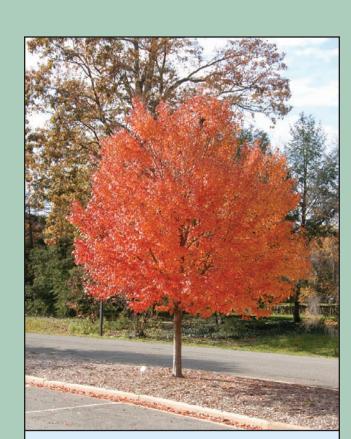
'Somerset' red maple

Acer rubrum 'Somerset'

Size: 23' high x 11' wide at 12 years Habit: Moderately ovate, deciduous

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.



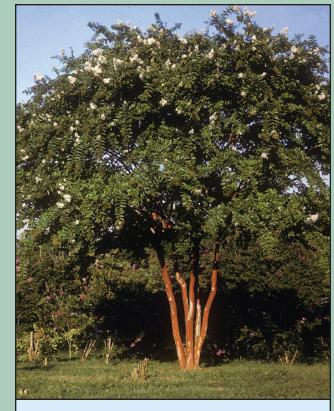
'Arapaho' crapemyrtle

Lagerstroemia 'Arapaho'

Size: 20' tall x 10' wide Habit: Deciduous multi- or singlestemmed upright tree. USDA Hardiness Zones: 7–9

Culture: Full sun, well-drained soils.

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



'Natchez' crapemyrtle Lagerstroemia 'Natchez'

Size: 30' tall x 30' wide

Habit: Deciduous, multi- or singlestemmed 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.

areas.

USDA Hardiness Zones: 3–8 Culture: Full sun to light shade; tolerant of heavy clay soils or dry

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 ×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.

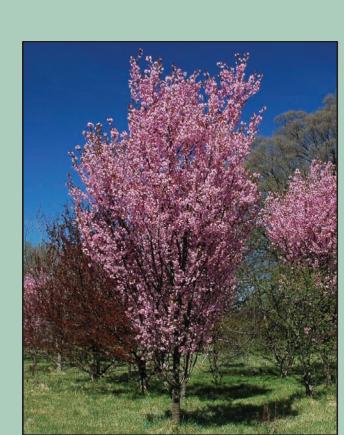


'Dream Catcher' flowering cherry Prunus 'Dream Catcher'

Size: 25' tall x 15' wide Habit: Deciduous upright vase-shaped

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.

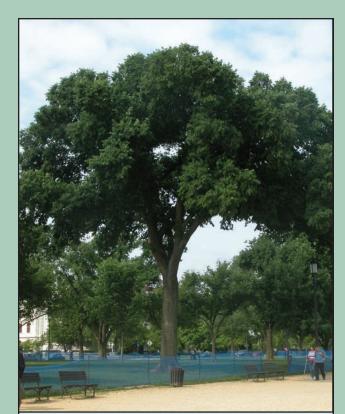


'Frontier' hybrid elm Ulmus 'Frontier'

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.



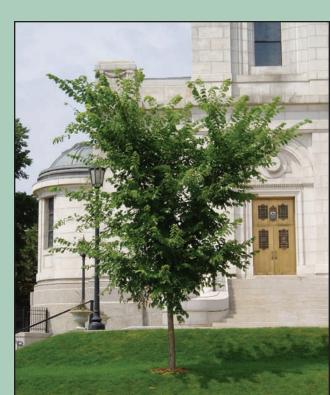
'New Harmony' American elm *Ulmus americana* 'New Harmony'

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

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

conditions.



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

Size: 60'+ tall x 40' wide at maturity Habit: Classic upright arching vaseshaped 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.