

Residential Tree Program - Free Tree Species List

Updated as of March 8, 2016

The following pages are detailed descriptions and photos of tree species offered through the Residential Tree Program. There are sixteen different tree species available through this program that will be offered at two nursery locations. The two nurseries will be distributing different species and it is important that you understand what is being distributed at each location as it is your responsibility to pick up, plant, and care for the new tree. Review the list below for tree species by nursery location, tree species name, and availability. To view the most current up-to-date availability list please visit www.spokaneneighborhoods.org and select the Residential Tree Program link/image. If you register for a tree species that is not available you will be contacted and will be given the option to register for a different species. As trees become unavailable they will be removed from the list.

Things to keep in mind when choosing a tree species for your property:

- What is the tree size at maturity?
- Is the location you've chosen to plant your tree suitable to the tree; i.e. sun requirements and growing conditions?

Spokane County Conservation District:

210 N. Havana St. Spokane, WA 99202

Tree Species Name	Availability as of March 8, 2016
American Hornbeam	19
Persian Parrotia	5
Sweet-Gum	14
Tulip Tree	44
Nuttall Oak	15
River Clump Birch (Multi-Stem)	43
Chinese Fringetree	20
Goldenrain Tree	37
Worplesdon Sweet-Gum	39
TOTAL	236

Home Fires Nursery:
2919 S. Geiger Blvd. Spokane, WA 99224

Tree Species Name	Availability as of March 8, 2016
Star Magnolia	71
Acer Rubrum Frank JR	5
Dawn Redwood	95
Sawtooth Oak	43
Acer Flame Maple	12
Acer Red Sunset Maple	6
Acer Sun Valley Maple	22
Japanese Snowbell	29
Snow Bell Routoundiloba	35
Magnolia Galaxy	16
Magnolia Leonard	26
TOTAL	360

American Hornbeam

Distributed at:

Spokane County Conservation District (primary location)

Current Availability: 19

Scientific Name: Carpinus Caroliniana

Shape: Oval

Current Size: This tree will come in a 3 gallon container.

Size at Maturity:

Height: 20 to 30 Ft

Spread: 20 to 30 Ft



General: With age, a multiple trunked, low branching specimen can be very attractive, showing off the bark and trunk form particularly well when lit at night. Tolerant of pruning, the tree can be used as a hedge plant or lends itself well for use as a screen due to the densely foliated crown. It can also be trained for street tree use by pruning to one central leader with small diameter horizontal branches forming 'layers' of foliage in the crown.

Fall Color: Leaves turn orange, red or yellow in the fall.

Flowering: Produces inconspicuous oblong shaped orange and yellow leaves with no significant litter problem season. The American Hornbeam will attract birds, squirrels and other mammals

Growing Conditions: The tree will require occasional maintenance and upkeep, needs little pruning to develop a strong structure. The tree grows in the shade and in full sun. It performs well even in areas inundated with water for several days to a week or two once it is established. Although moderately drought-tolerant, it is probably best to provide even established trees with some irrigation during dry spells.



Sweetgum

Distributed by: Spokane County Conservation District

Current Availability: 5

Scientific Name: Liquidambar Styraciflua Rotundiloba

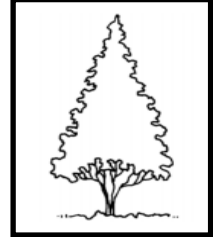
Current Size: This tree will come in a 3 gallon container.

Size at Maturity:

Height: 60-80 feet

Spread: 40-60 feet

Shape: Pyramidal



General: Nice shade tree, pyramidal when young, oblong to rounded when mature. Alternate “maple-like” star shaped leaves.

Fall Color: Typically quite showy, best trees are orange, burgundy and purplish

Flowering: Monoecious, yellowish-green leaves bloom in May, not showy. Fruit are 1-1.5” spiny balls

Growing Conditions: Best in full sun, part shade okay. Prefers deep, moist, bottomland soils. Transplant B&B due to fleshy, coarse root system. Use larger plants when transplanting in colder areas to avoid cold injury to twigs.



Worplesdon Sweetgum

Distributed by: Spokane County Conservation District

Current Availability: 39

Scientific Name: Liquidambar Styraciflua Rotundiloba

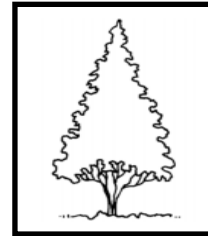
Current Size: This tree comes in a 3 gallon container.

Size at Maturity:

Height: 40 feet

Spread: 25 feet

Shape: Pyramidal



General: A beautifully pyramidal shade tree with interestingly shaped leaves that turn red, purple and yellow in fall; somewhat particular about growing conditions; fruit is spiny and can be somewhat messy, use where this will not be a problem. Worplesdon Sweet Gum is a deciduous tree with a strong central leader and a distinctive and refined pyramidal form.

Plant Characteristics: The Worplesdon Sweet Gum has a high canopy with a typical clearance of 8 feet from the ground, and should not be planted underneath power lines. It grows at a fast rate, and under ideal conditions can be expected to live for 60 years or more. This is a high maintenance tree that will require regular care and upkeep, and is best pruned in late winter once the threat of extreme cold has passed.

Fall Color: Red.

Flowering: Not ornamentally significant.

Growing Conditions: This tree should only be grown in full sunlight. It prefers to grow in average to moist conditions, and shouldn't be allowed to dry out. It is very fussy about its soil conditions and must have rich, acidic soils to ensure success, and is subject to chlorosis (yellowing) of the leaves in alkaline soils. It is somewhat tolerant of urban pollution.



Tulip Tree

Distributed by: Spokane County Conservation District

Current Availability: 44

Scientific Name: Liriodendron Tulipifera

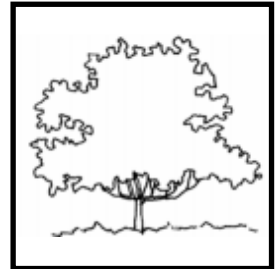
Shape: Irregular

Current Size: This tree will come in a 3 gallon container.

Size at Maturity:

Height: 60 feet

Spread: 35 feet



General: Extremely large size. Somewhat pyramidal in youth maturing to oval-rounded or irregular, long-fruiting season. Trunks are massive.

Fall Color: Can be very showy. Golden yellow to clear yellow.

Flowering: Has 2-3" tulip shaped upright blossoms borne singly at branch ends. Blooms late May

Growing Conditions: Full sun, prefers a deep, moist, fertile soil, slightly acidic is best, pH adaptable. Avoid very dry, hot sites. Has a fleshy, poorly branched root system. Pests & Problems: Aphids are a real problem - their "honeydew" covers leaves which then are overrun by sooty mold fungus. Susceptible to other pests as well.



Acer Rubrum Frank Jr. Maple

Distributed by: Home Fires Nursery

Current Availability: 5

Scientific Name: Acer rubrum

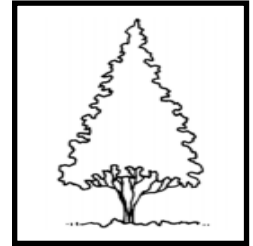
Current Size: This tree comes in a 5 gallon container.

Size at Maturity:

Height: 45 feet

Spread: 30 feet

Shape: Pyramidal



General: Acer rubrum 'Redpointe' is quickly becoming more popular than traditional maple favorites. Its quick and relatively care-free growth habits are as endearing as is its spectacular fall color display. A straight and dominant central leader results in strong branch angles that make it easier to grow.

Fall Color: Bright red.

Flowering: Fragrant flowers are rose in bud and produce showy flowers.

Growing Conditions: It's the right tree, for the right place, at the right time. Tailored for today's streetscapes and landscapes, it is a heat resistant, vigorous growing, colorful choice for sustainable landscapes. Best in full sun.



Dawn Redwood

Distributed by: Home Fires Nursery

Current Availability: 95

Scientific Name: Metasequoia Glyptostroboides

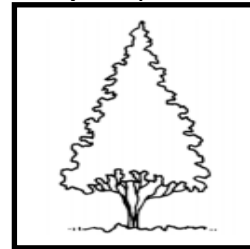
Current Size: This tree comes in a 3 gallon container.

Size at Maturity:

Height: 70 feet

Spread: 25 feet

Shape: Pyramidal



General: Large, coniferous tree. Pyramidal, uniform conical. Texture is fine and airy in leaf. Attractive shredded reddish brown bark. Develops an interesting buttressed trunk with braided structure.

Fall Color: Needles turn a unique pinkish tan to reddish bronze before dropping in the fall.

Flowering: Not ornamentally significant. Produces elongated or rounded cones. Easy to transplant, avoid locating in frost pockets.

Growing Conditions: Full sun, best in moist, well-drained, slightly acidic soils; pH adaptable.



Spring 2016

Sawtooth Oak

Distributed by: Home Fires Nursery

Current Availability: 43

Scientific Name: *Quercus Acutissima*

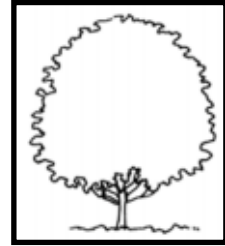
Shape: Rounded

Current Size: This tree comes in a 3 gallon container

Size at Maturity:

Height: 30 feet

Spread: 45 feet

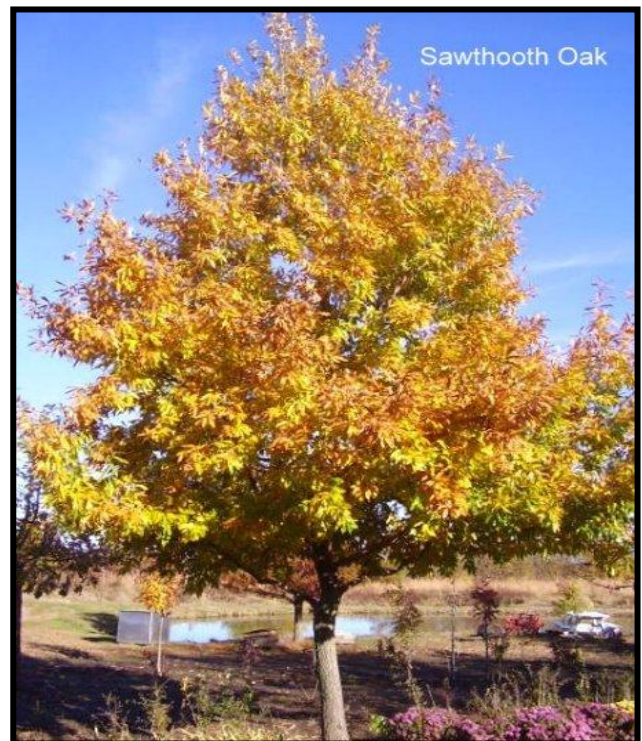


General: Dense, broad pyramidal in youth – then varying in old age from oval-rounded to broad-rounded with low-slung, wide-spreading branches. Good source of bird food.

Fall Color: Brownish-yellow fall color.

Flowering: Monoecious, male flowers are pendulous yellow-green catkins. Blooms in May, is messy.

Growing Conditions: Full to partial sun, acid soil, easily grown, transplants readily. Prefers acid, well-drained soils but also adaptable. Disease, heat, and insect resistant.



Persian Parrotia

Distributed by: Spokane County Conservation District

Current Availability: 5

Scientific Name: Parrotia Persica

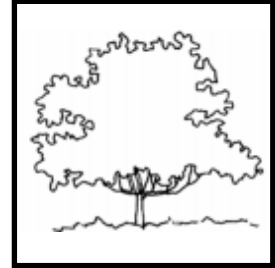
Current Size: This tree comes in a 3 gallon container

Size at Maturity:

Height: 30 feet

Spread: 20 feet

Shape: Irregular



General: The Persian Parrotia is a single trunk, deciduous tree. The flowers are dense and appear in later winter to early spring before the foliage. The flowers are attractive on close inspection, but are generally considered to be somewhat insignificant. Oval to oblong leaves emerge reddish-purple in the spring, mature to a lustrous, medium to dark green in the summer and change to variable shades of yellow, orange and red in the fall. The bark of mature trees exfoliates to show green, white or tan patches beneath.

Fall Color: Leaves turn variable shades of yellow, orange and red in the fall.

Flowering: Flowers are attractive on close inspection, but are generally considered insignificant.

Growing Conditions: The Persian Parrotia needs full sun but will do well in light shade. This species is drought resistant, heat tolerant, pH adaptable and extremely tolerant once established. Displays excellent stress tolerance, withstanding drought, heat, wind and cold.



Magnolia Galaxy

Distributed by: Home Fires Nursery

Quantity: 16

Scientific Name: Magnolia Galaxy

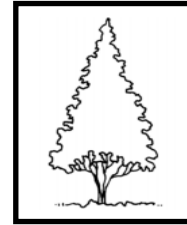
Shape: Pyramidal

Current Size: This tree comes in a 3 gallon container

Size at Maturity:

Height: 30-35 feet

Spread: 15-20 feet



General: Unique in form and flower among cultivated magnolias. 'Galaxy' is a single-stemmed, tree-form magnolia with ascending branches, the perfect shape for narrow planting sites.

Fall Color: Yellow or Green.

Flowering: In spring, dark red-purple flowers appear after danger of frost, providing a fragrant, pleasing and long-lasting display.

Growing Conditions: Adaptable to wide range of soil and cultural conditions, including sod culture. Grows best in full sun. May need to be pruned to remove suckers and maintain upright shape.



Star Magnolia

Distributed by: Home Fires Nursery

Quantity: 71

Scientific Name: Magnolia Stellata

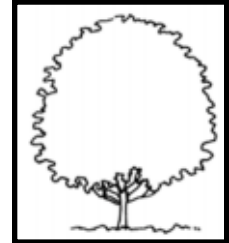
Current Size: This tree comes in a 3 gallon container

Size at Maturity:

Height: 10-20 feet

Spread: 8-15 feet

Shape: Rounded



General: A native to Japan the slow growing, small deciduous tree typically grows 15-20' tall with a spreading, rounded crown. It is also often grown as a large oval to rounded shrub. It is noted for its compact size and late winter to early spring bloom of star-shaped white flowers. Each flower typically has 12-18 narrow strap-like tepals.

Fall Color: Green

Flowering: White spring flowers that are showy and fragrant. Should be situated in locations that are cool in spring to delay early flowering.

Growing Condition: Full sun is best; grows best in moist, organic, fertile soil. Relatively adaptable as long as extreme sites are avoided; blooms are frequently injured by spring frosts.



Magnolia Leonard

Distributed by: Home Fires Nursery

Quantity: 26

Scientific Name: Magnolia x Loebneri

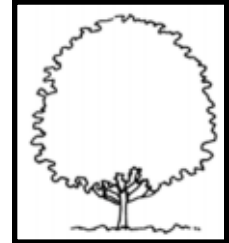
Current Size: This tree comes in a 3 gallon container

Size at Maturity:

Height: 20-30 feet

Spread: 25-30 feet

Shape: Rounded



General: A deciduous tree with strap-like petals that drape over the branch and quiver in the slightest breeze. Once the flowers have passed rich green foliage gives a tidy appearance through the growing season. The small stature makes it an excellent choice for the urban landscape. Easily grown as either a single trunk or multiple trunk specimen it adds a natural grace in the garden. The compact scale of the tree make it a good choice for around patios and it combines well with rhododendrons, azaleas and compact shrubs. Under plant with spring bulbs or hellebores to enhance the spring show

Fall Color: Yellow and bronze

Flowering: In early spring the buds open revealing a delicate display of soft fragrant pink flowers.

Growing Condition: This magnolia is easy to grow. It flowers best when planted in full sun to light or open shade. It will thrive in a rich moist to well-drained soil, but will tolerate sand and clay if the drainage is adequate. Plant in an area that is protected from strong winds to help the flowers last their longest and keep the young foliage from being damaged. Regular summer water will allow the best flowering and healthiest growth, but well established plants can tolerate occasional watering during dry weather



Nuttall Oak

Distributed by: Spokane County Conservation District

Quantity: 15

Scientific Name: Quercus Nuttallii

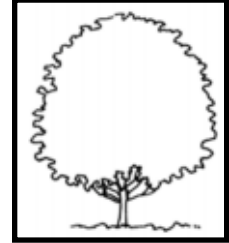
Shape: Rounded

Current Size: This tree comes in a 3 gallon container

Size at Maturity:

Height: 100 feet

Spread: 80 feet



General: Nuttall oak trees are medium to large trees that can grow up to 100 feet in height. The crown of the tree can spread to 80 feet and is rounded in shape with a moderate density and medium texture. The outline of the tree is fairly irregular. Nuttall oaks usually grow from a single leader trunk with large branches spreading outward and upward.

Fall Color: Red

Flowering: Nuttall oak leaves are 4 to 7 inches long and deeply indented with between five and eight lobes. Each lobe sports several toothed points along its margin. The color of the leaves is dull green with a pale underside, turning red in the fall. The male flower of the Nuttall oak tree forms in long, drooping growths called catkins. They are yellow-green in color. The female flowers form as very small spikes where the leaves meet the branch. This tree produces acorns with a classic cap and nut appearance. The acorns are approximately 1 inch long and take two seasons to mature. The bark is gray brown and smooth when young, becoming rougher as the tree matures.

Growing Condition: A variety of soil conditions can be tolerated by Nuttall oak trees including clay, loamy and sandy soils. They prefer acidic and well-drained soils, but they can tolerate extended periods of flooding and are moderately drought tolerant. Full sun is best.



Acer Flame Maple

Distributed by: Home Fires Nursery

Quantity: 12

Scientific Name: Acer Ginnala

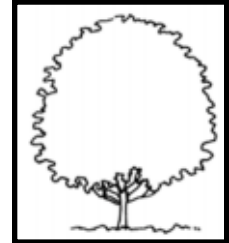
Current Size: This tree comes in a 5 gallon container

Size at Maturity:

Height: 20 feet

Spread: 20 feet

Shape: Rounded

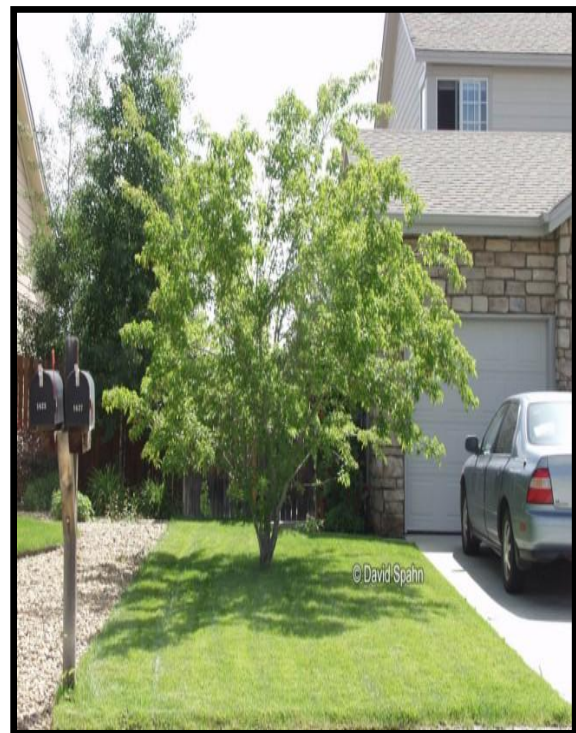


General: *Acer ginnala* is a deciduous spreading shrub or small tree growing to 3–10 m tall, with a short trunk up to 20–40 cm diameter and slender branches. The bark is thin, dull gray-brown, and smooth at first but becoming shallowly fissured on old plants

Fall Color: Yellow and fiery Red

Flowering: Greenish-white flowers in erect, long-stalky panicles bloom in spring. Flowers are followed by winged samaras (to 1" long) that turn a showy red in summer/fall as they mature.

Growing Condition: Easily grown in moist, organically rich, well-drained soils in full sun to part shade. Performs well in full sun or bright, sun-dappled locations. Some tolerance for drought. Best performance occurs in areas with cool summer climates. Transplants easily.



Red Sunset Maple

Distributed by: Home Fires Nursery

Quantity: 6

Scientific Name: Acer rubrum

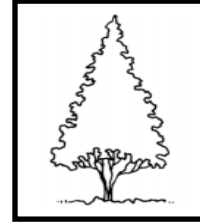
Current Size: This tree comes in a 5 gallon container

Size at Maturity:

Height: 50 feet

Spread: 35 feet

Shape: Pyramidal



General: This is a shade tree, featuring a spreading canopy capable of blocking sunlight. Known as one of the best red maple cultivars, this tree delivers on color. Winter buds, clusters of small winter/spring flowers, leaf stems, twigs and winged summer fruits all carry a red hue. And of course, the fall show is breathtaking, with red and orange leaves blending to give a sunset effect.

Fall Color: Orange and Red

Flowering: Newly emerging red flowers and fruits signal that spring has come. Leaves retain an attractive high gloss throughout the growing season. The seeds of 'Red Sunset' red maple are quite popular with squirrels and birds.

Growing Condition: The tree makes the best growth in wet or moist places and has no particular soil texture preference. However, chlorosis may develop on alkaline soil. The tree grows rapidly and has a dense canopy in the sun but opens up in partial shade.



River Clump

Distributed by: Spokane County Conservation District

Quantity: 43

Scientific Name: Betula Nigra

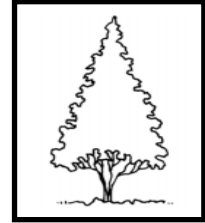
Shape: Pyramidal

Current Size: This tree comes in a 3 gallon container

Size at Maturity:

Height: 40 feet

Spread: 15 feet



General: One of the most popular landscape trees available, River Birch is an excellent addition to any home. River Birch is a multi-stemmed clump tree, making it one of the best trees for screening and privacy. This versatile, fast growing tree is valued not only for its stunning black, brown, and tan peeling bark, but also for its outstanding gold fall color.

Fall Color: Gold

Growing Condition: Plant the river clump in an area that receives full, direct sun with some dappled shade in the afternoon. Choose a site that has consistently moist, fertile sand or loam soil with a pH of 6.5 or lower. Water the river birch tree once every two to three weeks during the growing season. Flood the soil under the tree's canopy to a depth of 2 to 3 feet using a garden hose.



Chinese Fringetree

Distributed by: Spokane County Conservation District

Quantity: 20

Scientific Name: Chionanthus retusus

Rounded

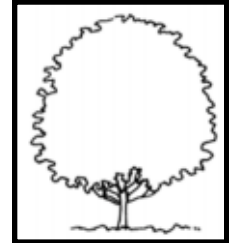
Current Size: This tree comes in a 3 gallon container

Size at Maturity:

Height: 20 feet

Spread: 15 feet

Shape:



General: It is hard to think of a more beautiful, small, 20-foot-tall tree than Chinese Fringetree when it is in full bloom. As with other white-flowered trees, Chinese Fringetree looks best when viewed against a dark background. Female plants develop purple/blue fruits which are highly prized by many birds.

Fall Color: Yellow

Flowering: The pure white, fragrant flowers, emerging just as the dogwood flowers fade, hang in four-inch-long, spectacular terminal panicles which appear to cover the tree with snowy white cotton for two to three weeks.

Growing Condition: Chinese Fringetree looks best in a sunny spot sheltered from wind. The tree appears more attractive when grown with several hours of shade but blooms best in full sun, on moist, acid soil, and will gladly grow in even wet soils.



Golden Rain Tree

Distributed by: Spokane County Conservation District

Quantity: 37

Scientific Name: Koelreuteria paniculata

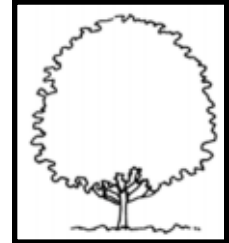
Shape: Rounded

Current Size: This tree comes in a 3 gallon container

Size at Maturity:

Height: 40 feet

Spread: 35 feet



General: The golden rain tree lends grace and charm to the landscape throughout the entire year—rare yellow tree blossoms in the late spring and summer, graceful paper lanterns dangling from the branches in autumn and winter. The combination of beauty and durability makes for an enchanting sight near patios, in parks, in street rights-of-way and in planters.

Fall Color: Yellow

Flowering: Produces small yellow blossoms about ½" across held upright in clusters on a stalk about 12–18" long. The yellow coloring is rare among flowering trees. This tree is considered both a flowering tree and an ornamental tree. It is typically planted for both its visual interest and profusion of spring flowers

Growing Condition: Full sun is the ideal condition for this tree, meaning it should get at least 6 hours of direct, unfiltered sunlight each day. The golden rain tree grows well in acidic, alkaline, loamy, sandy, well-drained, wet and clay soils. It has some drought tolerance.



Japanese Stewartia

Distributed by: Home Fires Nursery

Quantity: 29

Scientific Name: *Stewartia pseudocamellia*

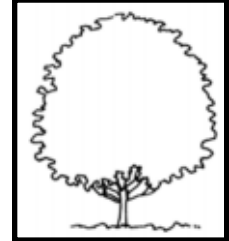
Current Size: This tree comes in a 3 gallon container

Size at Maturity:

Height: 40 feet

Spread: 30 feet

Shape: Rounded



General: Japanese Stewartia is an all-season performer, exhibiting a distinctive branching pattern in winter, camellia-like flowers in summer, and bright yellow and red foliage in autumn.

Fall Color: Purple red to yellow

Flowering: The gorgeous white blossoms begin appearing on the tree in mid- to late June adorning them until mid- to late July. The flowers are 2-3" across and retain their ring of yellow stamens after they fall, making a lovely carpet beneath the branches.

Growing Condition: Japanese Stewartia is a slow-grower, reportedly best in acid soil (pH 4.5 to 6.5) with ample moisture and high organic matter content. But trees are also found growing very well without irrigation in poor quality, compacted clay soil. Some leaf-burn may be evident in drier summers in full sun but this does not appear to impact the tree permanently.



Japanese Snowbell

Distributed by: Home Fires Nursery

Quantity: 35

\Scientific Name: *Styrax japonicus*

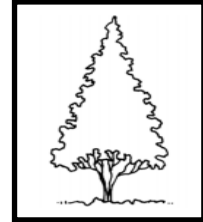
Shape: Pyramidal

Current Size: This tree comes in a 3 gallon container

Size at Maturity:

Height: 25 feet

Spread: 20 feet



General: Dark green, fine textured foliage and dense, symmetrical structure create a tree of great uniformity. It is resistant to twig dieback that is common in seedling grown trees

Fall Color: Yellow

Flowering: White, fragrant, bell-shaped flowers hang below leaves in late spring. Good ornamental tree teeming with fragrant flowers in late spring, followed by white fruit that lasts into fall.

Growing Condition: Best in partial shade, but tolerates full sun. Prefers well-drained, highly organic soil. Not best choice for high stress environments. Weekly watering during the first three summers is necessary for survival.

