

Alternative Replacement Tree Species for Arbor Hill Subdivision

Eastern Redbud Tree (*Cercis canadensis*)



Redbud Trees grow quickly and reach 20-30ft in height at maturity. The abundant purple-pink Redbud flowers appear in April, just before the leaves on irregular ornamental branches. The American flowering redbud tree is second only to the flowering dogwood tree in popularity. The colors vary from pink to purple flowers on the redbud tree and are small but pleasingly fragrant and will densely encircle the branches and even encircle the trunk of the redbud tree before the leaves appear in the early spring. The green leaves of the redbud tree are large and heart shaped, and in the fall the leaves turn into a glowing yellow. Also, the tree is a legume and nitrogen fixing bacteria growing near the roots add the fertilizer element nitrogen to the soil.

Crape Myrtle Tree (*Lagerstroemia indica*)



Crape Myrtle (Crepe Myrtle) *Lagerstroemia indica* has been hybridized with *Lagerstroemia fauriei* or *Lagerstroemia speciosa* by the United States Arboretum to grow outstanding Crape Myrtle (Crepe Myrtle) hybrids. The flowering period of crape myrtle trees can last for 120 days.

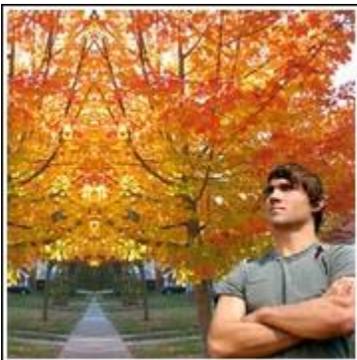
Red Maple (*Acer rubrum*)



The Red Maple tree is a native flowering shade tree in a large part of eastern America that grows from Canada and Maine south to Southern Florida. The Red Maple Tree has leaves that are quite variable in size growing from 2 to 6 inches wide, and three lobes generally, but can occasionally have 5 lobes. In native forest, the Red Maple tree thrives in bottom moist lands such as swamps, but will also grow well in upland soil profiles, apparently unaffected by stresses of acid soils or alkaline soils. Native American Red Maple trees are well adapted for growing in most of the United States of America and can be grown as a timber tree or a shade tree.

Popular Varieties of Red Maple:

Fantasy Maple Tree (*Acer x freemanii*)



The 'Fantasy Maple' Trees were introduced into commerce through the U.S. National Arboretum research project. During the Spring the Fantasy Maple tree buds burst into growth early in the spring, revealing their dense medium-green colored leaves with a consistent coloration, until the ruby red color becomes the most spectacular specimen in the fall. The bright, waxy, green leaves of the Fantasy Maple Tree begin to turn a brilliant red-orange color in the fall, even in warm very climates.

Flame Maple Tree (*Acer ginnala*)



The USDA soil conservation services at their research plots developed the hybrid, Flame Maple tree that was released to tree nursery growers for distribution throughout the United States. The Orange-Red brilliance is captured in the fall leaf color of the Flame Maple tree and matures rapidly into a deeper red color as the fall dormancy season progresses. The Flame Maple tree is a well adapted tree and a very good shade tree choice for gardens in the Northern and Southern States.

Japanese Maple such as the:

Bloodgood Japanese Maple (*Acer palmatum var. atropurpureum*)



The nature of the Bloodgood Red Japanese Maple Tree is to form a round canopy with multi-trunks, and is most commonly used as a specimen tree in the landscape or containerized for use near a patio or pool. The Bloodgood Japanese Maple Tree thrives very well in many of the United States and is recorded to have survived low temperatures of minus 15 degrees F.

Flowering Dogwood Tree (*Cornus florida*)



The Dogwood tree is a native American flowering tree. The Dogwood flower bud opens with four brights most commonly called flower petals changing to a glowing pure white and the flower is shaped like a white cross. Dogwoods are a medium size tree that grows to about twenty feet in height and the spread of the branches is about the same. Dogwood trees are very resistant to droughts and can even survive in full sun although they grow much better underneath the shade of other yard trees.

Kousa Dogwood Tree (*Cornus kousa*)



Highly disease resistant and trouble free. White springtime blooms and red berries last for months, followed by striking red and purple hues just in time for the autumn season. The shallow root system of the Kousa makes it a perfect tree to plant near homes without fear of the roots damaging any structures. The Kousa Dogwood flowers about a

month later than the standard Dogwood. It has leaves when it flowers, which make an attractive backdrop.

Chaste Tree (*Vitex agnus castus*)



The Chaste Tree is a beautiful flowering tree with lilac colored blooms that sprout up at the top of the tree. Chaste Trees are low maintenance trees which grow well in full sun or partial shade. The blooms of the Chaste tree shoot outward from the top of the tree. The Flowering Chaste Tree has pure white long lasting flower spikes. The Flowering Chaste tree prefers heat for best bloom.

Flowering Crabapple Tree (Various species)



Flowering crabapple trees are very popular early March flowering trees. The distinctive fluffy, cottony flowers completely encircle leafless branches with single or double stacked blooms that vary in colors of white, pink and red. Shiny, tiny green leaves may appear within the globular clusters of flowers soon after the flowers appear, and rapidly increase in length as the flowers fade.

Sourwood Tree (*Oxydendrum arboreum*)



The Sourwood Tree should be the shade tree of choice for anyone who seeks vibrant red fall leaves which rival even the maple. The new growth that appears is a bronze color with large, dark-green leaves that turn orange and scarlet in color in the Fall. The Sourwood Tree is a slow grower with an upright oval crown that is 25-30 feet high and 20 feet wide. In the late Summer, drooping clusters of fragrant Lily-of-the-Valley-like white flowers add an interesting and unique look to the Sourwood Tree.

Grancy Greybeard Tree or Fringe Tree (*Chionanthus virginicus*)



The Grancy Greybeard, as it is commonly known in the south, is also called the Fringe tree. This white, feathery flower completely covers bare, gray branches, in late spring, after most other flowering trees have finished their carnival of flowering. During the two week blooming period, the Grancy Greybeard flowers emit a sweet lilac scent, especially in the evening. The small Flowering Grancy Greybeard tree sheds its 6-8 inch-long leaves in the fall after turning a bright yellow color. At maturity the plant will grow slowly to 30 foot heights.

Eastern Hophornbeam Tree (*Ostrya virginiana*)



American Hophornbeam trees are good medium-sized trees (30 feet) to plant as a shade tree. These native American shade trees grow from Canada to Florida. The Eastern Hophornbeam is a slow growing tree, and is often planted as an ornamental shade tree because hophornbeam is so resistant to drought.

Golden Raintree Shade Tree (*Koelreuteria paniculata*)



The Golden Raintree Shade Tree is a medium-sized shade tree that produces a remarkable floral display in June and July, in a cascade of brilliant yellow flowers produced in enormous panicles. The Golden Raintree turns bright yellow in the fall. Inflated decorative seed pods turn from pale green to pink as Summer progresses are very ornamental. The spring yellow flowers of

the Golden Raintree are followed by Chinese lantern shaped oriental seedpods. The Golden Rain Tree is a fast growing flowering tree that reaches twenty-five feet at maturity.

Saucer Magnolia Tree (*Magnolia soulangiana*)



Japanese flowering magnolia trees are also called "Saucer Pink" and "Alexandrina" magnolias and grow to heights of 20-25 feet. The large flowers of the Japanese Saucer Magnolia trees are capable of blooming almost any time of the year, but in most places the heaviest flowering begins in early Spring.

Rose of Sharon Tree (*Hibiscus syriacus*)



The Rose of Sharon tree is known for its lengthy blooming season. You will get bright, tropical flowers for months. Popular colors are red, pink, lavender, and white. You can expect a flurry of large flowers from early summer to early fall... a time when other plants in your garden are going dormant. A low-maintenance plant, the Pink Rose of Sharon tree is pest-resistant and requires minimal watering. You can expect it to reach heights of 8-12 feet, with a width of 6-10 feet. This tree flourishes in full sun.