

**The Right Tree**  
**The Right Place**  
**The Right Time**

Growing trees successfully depends on many factors. Most important is selecting the right tree for the intended use.

When mature tree size and shape are overlooked, the results can be costly. When the growing conditions of the site are overlooked, tree growth and health are often unsatisfactory.

Residential soil conditions and lawn irrigation systems can reduce overall tree health.

Knowledge of your soil type (clay or sandy) and irrigation frequency are invaluable tools to assist you in selecting the proper trees.

When these factors are considered, the homeowner is usually rewarded with a beautiful tree that grows to a mature size providing years of enjoyment.



## Urban Forestry

A healthy community forest begins with careful planning. With a little research and a simple layout, you can produce a landscape that will cool your home in summer and tame the winter winds. Your well-planned yard will contain trees that grow well in the soil and moisture of your neighborhood. Your trees will be properly placed to avoid collisions with power lines and buildings, and the aesthetics will increase your property value.

A proper landscape plan takes each tree into consideration:

1. **Height.** Will the tree bump into anything when it is fully grown?
2. **Canopy spread.** How wide will the tree grow?
3. **Is the tree deciduous or evergreen?** Will it lose its leaves in the winter?
4. **Form or shape.** A columnar tree will grow in less space. Round and V-Shaped species provide the most shade.
5. **Growth rate.** How long will it take for your tree to reach its full height? Slow growing species typically live longer than fast growing species.
6. **Soil, sun, and moisture** requirements.
7. **Fruit.** No one wants messy droppings on busy sidewalks.
8. **Hardiness zone** indicates the temperature extremes in which a tree can be expected to grow. The City of Derby is in Hardiness Zone 6A, which means the average coldest temperature is -5 to -10 degrees Fahrenheit.

## 2009 Tree List and Planting Guide

*Presented by the City of Derby  
Public Works Department and the  
Parks & Urban Forestry Board*



[www.derbyweb.com](http://www.derbyweb.com)

**This information is a general guideline to help property owners understand the benefits of properly using trees in their landscape.**

**For a complete preferred tree list for South Central Kansas, contact the Kansas Forest Service:**

**(316) 788-0492**

**[www.kansasforests.org](http://www.kansasforests.org)**

## Recommended Tree List

### Lacebark Elm

Excellent shade tree with few pest or disease problems. Outstanding ornamental bark and dark green leaves. Very popular tree. Mature height of 40' with an equal spread.

### Incense Cedar

A beautiful evergreen tree with graceful foliage and a wonderful fragrance. Will make an attractive screen or specimen plant. Pest and disease resistant. Mature height of 40' and 15' wide.

### Hawthorn

Small rounded tree with beautiful white spring flowers followed by attractive red fruit into fall. The tree prefers full sun and is tolerant of tough landscape conditions. This tree reaches a mature height of 10' to 20'.

### Trident Maple

Small to medium tree with glossy green leaves in summer and beautiful orange to red fall color. The older bark on young trees and branches naturally falls away to reveal the orange bark color underneath. Mature height of 20' to 30' with equal width.

### Serviceberry

A multi- or single-stemmed small tree covered with beautiful white flowers in spring followed by edible fruit in mid-summer. Orange to red fall color. Mature height of 10' to 20' with a 12' spread.

## Recommended Tree List

### Chinese Fringe Tree

A small ornamental tree with dark green foliage in summer and nice yellow fall color. In late spring the branch tips are covered with white flowers. Mature height and width of 20'

### “Legacy” Sugar Maple

Large shade tree with dark green foliage in the summer and outstanding orange fall color. This sugar maple selection is better adapted to our climate than other sugar maples. Mature height of 50' and width of 35'

### Willow Oak

A large oak tree with narrow leaves and small acorns. Provides plenty of beautiful shade and has no pest or disease problems. Mature height of 60' and a width of 30'.

### Arizona Cypress

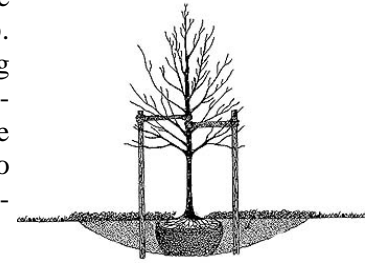
A beautiful drought tolerant evergreen tree that deserves more use. A tall tree with green to blue-green foliage. This tree does not like wet soils. Mature height of 40' and width of 20'.

### Chinkapin Oak

Large shade tree with handsome dark green foliage. A native of Kansas, this tree is known for its wide soil adaptability. The acorns are a favorite food for wildlife. Mature height of 40' to 50' with equal width.

## Steps to Successful Tree Planting

1. The hole should be wide, not deep. Make your planting hole two- to three-times wider than the rootball, but no deeper than the rootball its self.



2. Remove all string or twine that may be tied around the trunk of the tree. As the tree grows, these will eventually damage the trunk. Remove top portion of burlap and wire basket.



3. Mulch should be applied over the rootball of the new tree. A three foot circle of mulch around the base of the tree to a depth of two to four inches will help conserve moisture, moderate temperature, and prevent weed competition.

4. Water your new tree to keep the soil moist. Too much water will deprive the roots of oxygen and your tree will suffer. A thorough soaking once a week should suffice.

For more information contact:

The Sedgwick County Extension Office and/or  
the Sedgwick County Master Gardener hotline  
(316) 722-7721

Local information can be found at  
[www.derbyweb.com](http://www.derbyweb.com)  
Derby Public Works Department  
(316) 788-0301, or  
your local nursery professional