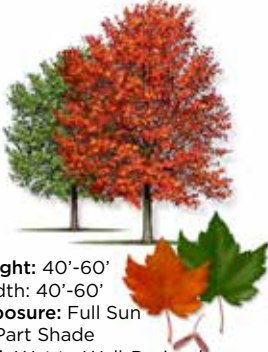


# RESIDENTIAL TREE SELECTION GUIDE



## MEDIUM SHADE TREES

### RED MAPLE | *Acer rubrum*



**Height:** 40'-60'  
**Width:** 40'-60'  
**Exposure:** Full Sun to Part Shade  
**Soil:** Wet to Well-Drained.  
Adaptable.  
**Form:** Round  
**Notes:** Roots may grow closer to soil surface. Tree should not be planted close to pavement/foundations.

### RIVER BIRCH | *Betula nigra*



**Height:** 35'-50'  
**Width:** 30'-40'  
**Exposure:** Full Sun to Part Shade  
**Soil:** Wet to Well-Drained.  
Adaptable.  
**Form:** Pyramidal  
**Notes:** Attractive exfoliating bark, drought tolerant.

### CATALPA | *Catalpa speciosa*



**Height:** 40'-60'  
**Width:** 20'-40'  
**Exposure:** Full Sun to Part Shade  
**Soil:** Moist to Well-Drained.  
Adaptable.  
**Form:** Oval  
**Notes:** Drought Tolerant. White bloom in May. Long seed pods in Summer/Fall.

### YELLOWWOOD | *Cladrastis kentukea*



**Height:** 30'-50'  
**Width:** 40'-55'  
**Exposure:** Full Sun to Part Shade  
**Soil:** Moist to Well-Drained.  
Adaptable.  
**Form:** Vase/Spreading  
**Notes:** Smooth bark. White bloom in May/June

### HONEY LOCUST | *Gleditsia triacanthos*



**Height:** 40'-60'  
**Width:** 30'-40'  
**Exposure:** Full Sun to Part Shade  
**Soil:** Wet to Well-Drained.  
Adaptable.  
**Form:** Oval/Spreading  
**Notes:** Drought/Salt tolerant. Dappled shade.

### BLACKGUM | *Nyssa Sylvatica*



**Height:** 30'-50'  
**Width:** 20'-30'  
**Exposure:** Full Sun to Part Shade  
**Soil:** Moist to Well-Drained.  
Adaptable.  
**Form:** Oval, upright  
**Notes:** Drought and salt tolerant. Small fruits attract birds in fall.

### BASSWOOD | *Tilia americana*



**Height:** 30'-60'  
**Width:** 30'-60'  
**Exposure:** Full Sun to Part Shade  
**Soil:** Moist to Well-Drained.  
Adaptable.  
**Form:** Oval  
**Notes:** Drought tolerant. Small, fragrant flower in June.

## MEDIUM EVERGREEN SHADE TREES

### AMERICAN HOLLY | *Ilex opaca*



**Height:** 35'-50'  
**Width:** 15'-30'  
**Exposure:** Full Sun to Part Shade  
**Soil:** Moist to Well-Drained  
**Form:** Pyramidal, upright  
**Notes:** Attractive red berries into winter. Attracts birds in winter months.

### EASTERN RED CEDAR | *Juniperus virginiana*



**Height:** 40'-50'  
**Width:** 10'-20'  
**Exposure:** Full Sun  
**Soil:** Moist to Well-Drained.  
Adaptable.  
**Form:** Columnar, pyramidal.  
**Notes:** Drought Tolerant. Attracts birds in winter.

### SOUTHERN MAGNOLIA | *Magnolia grandiflora*



**Height:** 30'-50'  
**Width:** 20'-40'  
**Exposure:** Full-Sun to Part-Shade  
**Soil:** Moist to Well-Drained.  
Adaptable.  
**Form:** Pyramidal.  
**Notes:** Attracts birds in winter. Large white flowers in early summer.

### VIRGINIA PINE | *Pinus virginiana*



**Height:** 30'-50'  
**Width:** 20'-35'  
**Exposure:** Full-Sun to Part-Shade  
**Soil:** Moderate to Well-Drained  
**Form:** Pyramidal, columnar.  
**Notes:** Attracts birds in winter.

(Other pine species available at times)

# LARGE SHADE TREES

**AMERICAN BEECH** |  
*Fagus grandifolia*



**Height:** 50'-70'  
**Width:** 50'-70'  
**Exposure:** Full Sun to Full Shade  
**Soil:** Moist to Well-Drained  
**Form:** Oval  
**Notes:** Attractive smooth bark. Leaves stay on tree for color into winter. Small edible nutlet produced in fall.

**LONDON PLANE** |  
*Platanus X acerifolia*



**Height:** 70'-100'  
**Width:** 65'-80'  
**Exposure:** Full-Sun  
**Soil:** Wet to Well-Drained  
**Form:** Spreading  
**Notes:** Drought tolerant. Attractive bark.

**OAK** |  
*Quercus sp.*



**Height:** 40'-100'  
**Width:** 40'-80'  
**Exposure:** Full Sun to Part Shade  
**Soil:** Moist to Well-Drained  
**Form:** Round, Spreading  
**Notes:** Drought Tolerant. After ~20 years of growth, will start producing acorns. Long lived, valuable canopy. High value to native wildlife.

**BALD CYPRESS** |  
*Taxodium distichum*



**Height:** 50-70'  
**Width:** 20'-30'  
**Exposure:** Full Sun to Part Shade  
**Soil:** Wet to Well-Drained  
**Form:** Pyramidal, upright  
**Notes:** Deciduous conifer. Drought tolerant.

*(multiple oak species available, some of medium mature size)*

# SMALL ORNAMENTAL TREES

Availability Restricted, check with Casey Trees Arborist to see if your yard qualifies for a small ornamental tree

**SERVICEBERRY** |  
*Amelanchier sp.*



**Height:** 15'-25'  
**Width:** 15'-20'  
**Exposure:** Full Sun to Part Shade  
**Soil:** Moist to Well-Drained  
**Form:** Vase  
**Notes:** White flowers in early spring. Edible berries in early summer.

**AMERICAN HORNBEAM** |  
*Carpinus caroliniana*



**Height:** 20'-30'  
**Width:** 20'-30'  
**Exposure:** Full Sun to Full Shade  
**Soil:** Moist to Well-Drained  
**Form:** Rounded  
**Notes:** Attractive smooth bark.

**EASTERN REDBUD** |  
*Cercis canadensis*



**Height:** 15'-35'  
**Width:** 15'-25'  
**Exposure:** Full Sun to Part Shade  
**Soil:** Moist to Well-Drained  
**Form:** Rounded.  
**Notes:** Pink flowers in early spring.

**FLOWERING DOGWOOD** |  
*Cornus florida*



**Height:** 20'-30'  
**Width:** 20'-30'  
**Exposure:** Full Sun to Part Shade  
**Soil:** Moist to Well-Drained  
**Form:** Rounded.  
**Notes:** White flowers in early spring. Showy red fruits in summer and fall.

**SWEETBAY MAGNOLIA** |  
*Magnolia virginiana*



**Height:** 15'-30'  
**Width:** 10'-20'  
**Exposure:** Full Sun to Part Shade  
**Soil:** Wet to Well-Drained  
**Form:** Pyramidal  
**Notes:** White flowers in spring. Evergreen.

## RESIDENTIAL TREE SELECTION GUIDE

**Nate Kelly** | Arborist | 202.349.1890 | [nkelly@caseytrees.org](mailto:nkelly@caseytrees.org)

Homeowners are encouraged to consider the long term benefits of well-placed, long-lived, large canopy trees. These benefits include increased storm water capture, cooler urban temperatures, lower cooling bills, increased native wildlife habitat, and improved quality of life. Planting for tree canopy is an investment in the health of our city in the future.

*Height and width information reflects the expected mature size considering the cultivated varieties ("cultivars") of each tree that we commonly plant. It can take 40 to 100 years for a tree to achieve mature size and that size will vary depending on site conditions (soil quality, available moisture, available light, etc..).*

**For more information visit [caseytrees.org/planting](http://caseytrees.org/planting)**