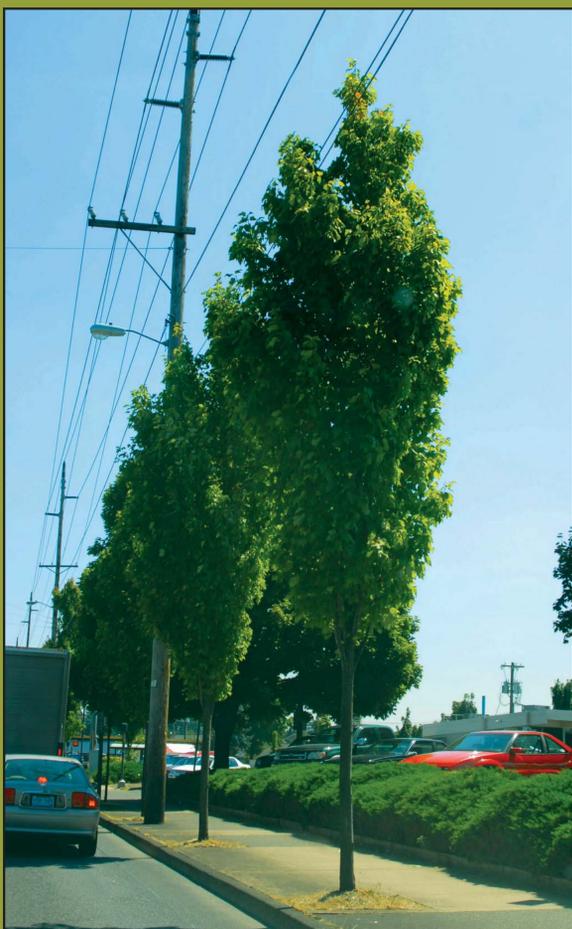


# Trees For Planting Under or Near Power Lines



Height and spread are best estimates for trees in landscape situations. Many of these trees can exceed the sizes listed under ideal landscape situations or in their native habitat.

## Trident Maple

*Acer buergerianum*  
Cultivars: Streetwise®

Height: 30'  
Spread: 25'  
Shape: rounded  
Fall color: variable since most seed grown; some trees muted orange  
Growth rate: moderate  
Culture: tolerant of most soils, drought tolerant once established  
Disease/insect: none serious



## Amur Maple/Tatarian Maple

*Acer ginnala/A. tataricum*  
Cultivars: 'Flame', Red Rhapsody™

Height: 15'  
Spread: 18'  
Shape: often multi-stemmed; broad-rounded  
Fall color: variable if grown from seed; can be exceptional red or flame  
Growth rate: moderate to fast  
Culture: performs best in moist, rich soil, but is very tolerant of difficult sites  
Disease/insect: none serious  
Notes: Tatarian Maple is very similar to Amur Maple



## Shantung Maple

*Acer truncatum*  
Cultivars: none

Height: 25'  
Spread: 25'  
Shape: rounded  
Fall color: yellow-orange  
Growth rate: slow to moderate  
Culture: rich and moist soil best, but some indication it may be fairly drought and heat tolerant  
Disease/insect: none serious  
Notes: is used in crosses with Norway Maple



## American Hornbeam, Ironwood

*Carpinus caroliniana*  
Cultivars: rare

Height: 25'  
Spread: 25'  
Shape: rounded  
Fall color: variable; yellow to orange-red  
Growth rate: slow  
Culture: best in moist, rich soil, may be more tolerant of urban conditions than given credit for  
Disease/insect: none  
Notes: like the common name says, very hard wood



## Dwarf Southern Catalpa

*Catalpa bignonioides*  
Cultivars: 'Nana'

Height: 18'  
Spread: 22'  
Shape: broad rounded  
Fall color: none  
Growth rate: moderate  
Culture: fairly adaptable  
Disease/insect: catalpa sphinx moth  
Notes: 'Nana' rarely if ever flowers, therefore, no pods



## Redbud

*Cercis canadensis*  
Cultivars: 'Alba', 'Forest Pansy', 'Oklahoma', 'Texas White'

Height: 25'  
Spread: 25'  
Shape: rounded  
Fall color: rarely effective; yellow when conditions ideal  
Growth rate: moderate  
Culture: fairly adaptable to most soils except wet  
Disease/insect: stem canker, leaf spot, granulated ambrosia beetle  
Notes: subspecies texensis ('Oklahoma', 'Texas White') is more heat and drought tolerant than species



## Chinese Fringetree

*Chionanthus retusus*  
Cultivars: none

Height: 25'  
Spread: 25'  
Shape: rounded  
Fall color: rare  
Growth rate: moderate to fast  
Culture: adaptable to most soils  
Disease/insect: none  
Notes: very impressive in flower; glossy, clean leaves



## White Fringetree/Grancy Gray-beard

*Chionanthus virginicus*  
Cultivars: rare

Height: 20'  
Spread: 20'  
Shape: rounded  
Fall color: rare, but can be yellow  
Growth rate: moderate  
Culture: adaptable, but would prefer rich, moist soil  
Disease/insect: none serious  
Notes: native to Arkansas; variable in habit/size; withstands urban conditions



## Eastern Flowering Dogwood

*Cornus florida*  
Cultivars: too many to list; variegated leaves, white and pink bracts, weeping plant habit

Height: 20' - Spread: 25'  
Shape: layered broad  
Fall color: maroon to red-purple  
Growth rate: slow  
Culture: demands consistently moist, high organic matter, slightly acid; if located in full sun must receive supplemental irrigation in July/August  
Disease/insect: borers; leaf spot, powdery mildew, anthracnose ('Discula')  
Notes: signature small flowering tree of the Southeast; now being crossed with other dogwood species to get hybrids



## Kousa Dogwood

*Cornus kousa*  
Cultivars: many

Height: 22'  
Spread: 30'  
Shape: broad rounded  
Fall color: scarlet  
Growth rate: slow to moderate  
Culture: slightly more tolerant than *C. florida*; requires consistent moisture in July/August  
Disease/insect: none serious  
Notes: flowers 3-4 weeks after *C. florida*; fruit and floral bracts very different from *C. florida*



## Thornless Cockspur Hawthorn

*Crataegus crus-galli v. inermis*  
Cultivars: none

Height: 20'  
Spread: 28'  
Shape: broad rounded  
Fall color: maroon  
Growth rate: moderate  
Culture: tolerant of most soils  
Disease/insect: less susceptible to rust, fireblight minor; some minor leaf insects



## Common Winterberry/Possumhaw

*Ilex verticillata/A. decidua*  
Cultivars: many: 'Afterglow', 'Winter Red', 'Sparkleberry', 'Warren's Red'

Height: 12'  
Spread: 12'  
Shape: rounded  
Fall color: poor, yellowish  
Growth rate: moderate  
Culture: once established, very adaptable  
Disease/insect: none serious  
Notes: fall/winter fruit display is unmatched in beauty: red or orange



## Goldenraintree

*Koeleruteria paniculata*  
Cultivars: 'September'

Height: 30'  
Spread: 35'  
Shape: broad rounded  
Fall color: rare, but can be yellow-orange  
Growth rate: moderate to fast  
Culture: very adaptable to soils  
Disease/insect: none serious  
Notes: dramatic summer flowering and unique fruit pods in fall/winter



## Crapemyrtle

*Lagerstroemia sp.*  
Cultivars: many tree types suitable

Height: 15-30'  
Spread: 8-18'  
Shape: variable; upright  
Fall color: a few cultivars red to red fall color  
Growth rate: fast  
Culture: very adaptable and very drought tolerant once established  
Disease/insect: powdery mildew, leaf spot; aphids



## Thornless Osage-orange

*Maclura pomifera v. inermis*  
Cultivars: 'Wichita', 'White Shield'

Height: 25'  
Spread: 30'  
Shape: broad rounded  
Fall color: generally yellow-green, but can be a clear yellow on occasion  
Growth rate: fast  
Culture: very adaptable; drought and heat tolerant  
Disease/insect: none serious  
Notes: preference is for male (avoid the large 'hedge-apple' fruit); thornless selections



## Southern Magnolia

*Magnolia grandiflora*  
Cultivars: 'Little Gem'

Height: 20'  
Spread: 10'  
Shape: upright oval  
Fall color: none  
Growth rate: moderate  
Culture: best in rich, well drained, slightly acid soils  
Disease/insect: none serious



## Star Magnolia

*Magnolia stellata/M. hobbs*  
Cultivars: 'Royal Star'

Height: 15'  
Spread: 15'  
Shape: rounded  
Fall color: none  
Growth rate: slow to moderate  
Culture: rich, moist soil best, prefers light shade  
Disease/insect: none  
Notes: late freezes often damage flowers in Arkansas



## Sweetbay Magnolia

*Magnolia virginiana*  
Cultivars: several

Height: 25'  
Spread: 15'  
Shape: upright oval  
Fall color: none; semi-evergreen to deciduous depending on seed source and location in state  
Growth rate: moderate  
Culture: more tolerant than other Magnolias; tolerates wetter sites  
Disease/insect: none  
Notes: variable in plant shape, plant size, and leaf traits; try to purchase clones for more consistency; flower lemon scented



## Saucer Magnolia

*Magnolia x soulangeana/M. x loebneri*  
Cultivars: 'Alexandrina', 'Rustica Rubra', 'Leonard Messel', 'Merrill'

Height: 22'  
Spread: 20'  
Shape: rounded  
Fall color: none  
Growth rate: moderate  
Culture: rich, moist soil best  
Disease/insect: none  
Notes: late freezes often damage flowers in Arkansas



## Crabapple

*Malus sp.*  
Cultivars: large number

Height: 12 to 25'  
Spread: 15 to 25'  
Shape: many: vase, rounded  
Fall color: rarely significant  
Growth rate: moderate  
Culture: rich, moist soil best; best suited in NW Arkansas  
Disease/insect: fireblight, apple scab, cedar apple rust; Japanese beetle  
Notes: use fruitless or small fruited varieties in urban settings



## Persian Parrotia

*Parrotia persica*  
Cultivars:

Height: 30'  
Spread: 25'  
Shape: oval-rounded  
Fall color: orange-yellow  
Growth rate: moderate  
Culture: best in moist, rich soil; if located in full sun must receive constant moisture in July/August  
Disease/insect: none serious



## Chinese Pistache

*Pistacia chinensis*  
Cultivars: rare in the trade

Height: 30'  
Spread: 30'  
Shape: dome-shaped  
Fall color: variable, but excellent: red, orange, or yellow  
Growth rate: medium  
Culture: very adaptable; very drought resistant  
Disease/insect: none serious  
Notes: trees are either male or female; in the future may be a problem with re-seeding



## Yoshino Cherry

*Prunus x yedoensis*  
Cultivars:

Height: 25'  
Spread: 30'  
Shape: vase-spreading  
Fall color: yellowish  
Growth rate: moderate to fast  
Culture: best in rich, moist soil  
Disease/insect: trunk borers  
Notes: dramatic light pink flower display in late March



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\*Green Ash (*Fraxinus pennsylvanica*) and White Ash (*F. americana*), while excellent options for street or urban trees, have been intentionally omitted due to increasing concern about the potential damage from the Emerald Ash Borer (EAB). Although EAB has not yet been observed in Arkansas, there is concern that it will likely inhabit the state thus endangering all ash species. Since planting of trees is a long term investment this issue needs to be considered before planting any ash species.