

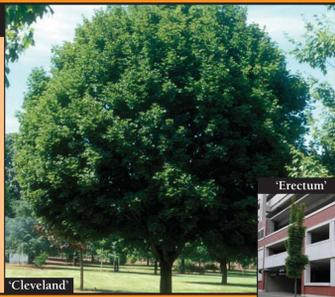
Street or Urban Trees



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.

Norway Maple

Acer platanoides
Cultivars: 'Cleveland', 'Columnare', 'Erectum'
Species height: 50'
Species spread: 45'
Shape: mostly rounded
Fall color: none
Growth rate: moderate
Culture: adaptable to most soils
Disease/insect: none serious
Notes: ONLY suited to NW Arkansas.



Red Maple

Acer rubrum
Cultivars: 'Bowhall', 'Autumn Flame', 'Red Sunset', 'October Glory'
Species height: 65'
Species spread: 55'
Shape: oval-round
Fall color: vivid red
Growth rate: moderate to fast
Culture: tolerant of most soils, prefers slightly acid and moist
Disease/insect: minor leaf insects
Notes: as a street/urban tree, best suited in NW Arkansas; critical issue is sunscald on light colored trunk in urban settings. Do not plant near concrete or asphalt as this increases the risk of trunk sunscald or frost cracks.



Freeman maple

Acer x freemanii
Cultivars: 'Armstrong', 'Scarlet Sentinel', 'Autumn Blaze', 'Autumn Fantasy'
Species height: 60'
Species spread: 50'
Shape: broad pyramid
Fall color: orange-red
Growth rate: very fast
Culture: tolerant of most soils
Disease/insect: none significant
Notes: cross between red and silver maples.



Maple

Acer x
Cultivars: 'Norwegian Sunset'
Height: 35'
Spread: 35'
Shape: rounded
Fall color: yellow-orange possible
Growth rate: moderate
Culture: fairly tolerant
Disease/insect: none serious
Notes: cross between *A. truncatum* (Shantung Maple) and *A. platanoides* (Norway Maple), likely best suited to NW Arkansas.



European Hornbeam

Carpinus betulus
Cultivars: 'Fastigiata'
Height: 35'
Spread: 15'
Shape: narrow oval
Fall color: yellowish
Growth rate: moderate
Culture: tolerant of most soils
Disease/insect: none significant
Notes: excellent choice for small properties or narrow planting spaces; very formal outline



Ginkgo

Ginkgo biloba
Cultivars: 'Princeton Sentry', 'Fastigiata', 'Autumn Gold', 'Presidential Gold'
Species height: 75'
Species spread: 60'
Shape: broad pyramid
Fall color: golden yellow
Growth rate: slow
Culture: tolerant of most soils
Disease/insect: none significant
Notes: must purchase a male tree to avoid foul smelling fruits. Adaptable to a small root space.



Thornless Honeylocust

Gleditsia triacanthos v. inermis
Cultivars: 'Moraine', 'Shademaster', 'Skyline'
Species height: 50'
Species spread: 50'
Shape: square, open-spreading
Fall color: yellow
Growth rate: moderate to fast
Culture: very adaptable to soils
Disease/insect: midge pod gall, canker, webworms
Notes: leaf litter is very small; not as vigorous in the heat of the south.



Kentucky Coffeetree

Gymnocladus dioica
Cultivars: 'Espresso', 'Prairie Titan'
Species height: 65'
Species spread: 50'
Shape: oval
Fall color: yellowish
Growth rate: medium
Culture: tolerant of most soils
Disease/insect: none significant
Notes: stark and rugged branches like a sumac; although difficult to find in trade, prefer male trees which do not bear thick pods



Crapemyrtle

Lagerstroemia sp.
Cultivars: many
Height: trees from 12' to 35' depending on cultivar
Spread: 6' to 18' depending on cultivar
Shape: vase forms best for tree plantings
Fall color: some cultivars have orange/flare color
Growth rate: very fast
Culture: very adaptable of soils, very drought tolerant
Disease/insect: leaf spot, powdery mildew



Sweetgum

Liquidambar styraciflua
Cultivars (near fruitless): 'Rotundiloba', 'Happidaze', 'Cherokee'
Species height: 70'
Species spread: 55'
Shape: pyramidal when young, opening up with age to irregular oval
Fall color: variable, some yellow-purple others poor yellow
Growth rate: fast
Culture: tolerant of most soils
Disease/insect: none serious
Notes: select cultivars that a fruitless to avoid annoying spikey fruits



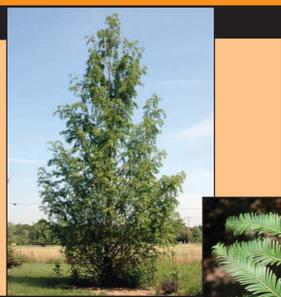
Tuliptree, Tulip-poplar, Tulip-magnolia

Liriodendron tulipifera
Cultivars: 'Fastigiatum', 'Arnold'
Species height: 80'
Species spread: 40'
Shape: regular oval
Fall color: yellow
Growth rate: very fast
Culture: tolerant of most soils
Disease/insect: none serious; aphids will produce honeydew/sooty mold
Notes: unique, tulip-shaped flower in April; weak wood; prune for good branch structure



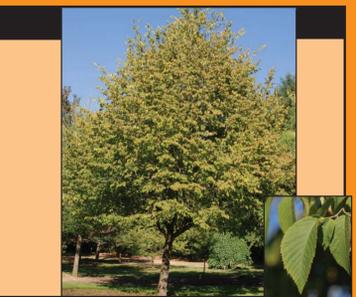
Dawn Redwood

Metasequoia glyptostroboides
Cultivars: few
Species height: 65'
Species spread: 25'
Shape: conical
Fall color: red-brown (although conifer, loses leaves in winter)
Growth rate: medium to fast
Culture: fairly tolerant of most soils but best in rich, moist soils
Disease/insect: none serious
Notes: interesting history related to fossil records



American Hornbeam

Ostrya virginiana
Cultivars: none
Species height: 35'
Spread: 25'
Shape: pyramidal in youth; typically not dense in habit
Fall color: rarely effective; yellowish
Growth rate: slow
Culture: while grows best in moist, rich soil, tolerates dry, poor soils
Disease/insect: none
Notes: unique hop-like fruit; very hard wood



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 to fast
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



Willow Oak

Quercus phellos
Cultivars: 'Hightower'
Height: 60'
Spread: 45'
Shape: pyramidal when young; upright oval with age
Fall color: fair; dull orange-bronze
Growth rate: medium to fast
Culture: very adaptable
Disease/insect: none
Notes: very popular in Arkansas; small leaf litter; native statewide except NW Ark.



Shumard Oak

Quercus shumardii
Cultivars: none
Height: 55'
Spread: 55'
Shape: pyramidal when young but widening with age
Fall color: orange-red or red
Growth rate: medium
Culture: very adaptable
Disease/insect: none
Notes: similar to Nuttall Oak



Columnar Oaks

Quercus x
Cultivars: 'Crimson Spire', 'Regal Prince'
Height: 45'
Spread: 18'
Shape: strongly columnar
Fall color: may be tinged orange in NW Ark.
Growth rate: moderate to fast
Culture: fairly adaptable
Disease/insect: none serious
Notes: improvements over Fastigiata English Oak (*Q. robur* 'Fastigiata')



American Elm

Ulmus americana
Cultivars: 'New Harmony', 'Princeton', 'Valley Forge'
Height: 75'
Spread: 55'
Shape: vase-shaped
Fall color: yellowish
Growth rate: medium to fast
Culture: very adaptable
Disease/insect: Dutch elm disease (DED), slime flux
Notes: several new DED resistant selections



Lacebark Elm, Chinese Elm

Ulmus parvifolia
Cultivars: 'Allee', 'Athena', 'Bosque', 'Everclear'
Height: 50'
Spread: 45'
Shape: upright spreading
Fall color: rare; yellow to dull orange
Growth rate: medium to fast
Culture: very adaptable
Disease/insect: none serious
Notes: some concern over re-seeding



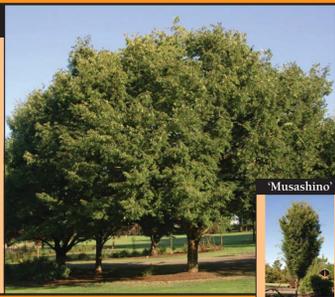
Hybrid Elms

Ulmus x
Cultivars: 'Frontier', 'Accolade'
Height: maybe 55', too new to tell
Spread: maybe 45'
Shape: varies by hybrid
Fall color: limited experience in Ark.
Growth rate: moderate to fast
Culture: should be fairly tolerant of soil type
Disease/insect: selected for resistance to Dutch Elm Disease
Notes: many new hybrid elms to the market, also selections of *U. wilsoniana* ('Prospector', 'Patriot')



Zelkova

Zelkova serrata
Cultivars: 'Green Vase', 'Village Green', 'Musashino'
Height: 50'
Spread: 40'
Shape: strong vase form
Fall color: yellow-orange
Growth rate: medium
Culture: very adaptable
Disease/insect: none serious



U of A
UNIVERSITY OF ARKANSAS
DIVISION OF AGRICULTURE
Cooperative Extension Service



United States Department of Agriculture, University of Arkansas, and County Governments Cooperating

The Arkansas Cooperative Extension Service offers its programs to all eligible persons regardless of race, color, national origin, religion, gender, age, disability, marital or veteran status, or any other legally protected status, and is an Affirmative Action/Equal Opportunity Employer.

This project was partially funded by a grant from the USDA Forest Service and the Arkansas Forestry Commission.