

Below is a list of trees suitable for planting in southwest Missouri. This list has been developed by the City of Springfield Tree City USA Citizen Advisory Committee.

**Native** - trees that are native to Missouri

**Trees Near Utilities** - the distances recommended from overhead utility lines are based upon the mature height of a particular tree species

**Moist and Wet Sites** - these trees can tolerate moist and/or wet conditions

**Dry Conditions** - these trees can tolerate periods of drought

**Light Shade** - these trees can tolerate partial shade

**Urban Conditions** - these trees can tolerate urban situations such as salt, light, heat, heat, drought, etc.

**Street Planting** - these trees are suitable for planting near sidewalks and streets

**Wildlife Friendly** - these trees provide either food or habitat for birds and/or mammals

**Branching Structure** - trees with a potential for splitting, damage, extra pruning are considered poor

**Pest Problems** - we will be adding information to this column as this spreadsheet is developed

**Mature Size** - these are the height and spread in the later phase of growth

\* Form can be good (G), poor (P) or manageable (M)

Common Name	Scientific Name	Missouri Native	Trees Near Utilities			Moist and Wet Sites	Dry Conditions	Light Shade	Urban Conditions	Street Planting	Wildlife-Friendly	Branching Structure*	Most Common Pest Problems	Mature Height	Mature Spread
			Under 30 feet tall, plant at least 15 feet from utilities	30-60 feet tall, plant 35 feet from utilities	Over 60 feet tall, plant 45 feet from utilities										
Alder	<i>Alnus spp.</i>			✓							✓	M		50	30
Amur Corktree	<i>Phellodendron amurense</i>			✓				✓	✓					40	50
Apple	<i>Malus domestica</i>			✓						✓		M		35	35
Baldcypress, Common	<i>Taxodium distichum</i>	✓			✓	✓		✓	✓			G		75	25
Beech, American	<i>Fagus grandifolia</i>	✓			✓			✓	✓			G		100	75
Beech, European	<i>Fagus sylvatica</i>				✓			✓	✓			M		75	50
Birch, River	<i>Betula nigra</i>	✓			✓	✓		✓	✓	✓		M		75	50
Black Tupelo	<i>Nyssa sylvatica</i>	✓			✓			✓	✓	✓		G		50	75
Buckeye, Ohio	<i>Aesculus glabra</i>	✓		✓		✓		✓				M		35	25
Buckeye, Red	<i>Aesculus pavia</i>	✓	✓					✓				M		15	15
Catalpa, Northern	<i>Catalpa speciosa</i>	✓			✓	✓	✓	✓				M		100	50
Cedar, Eastern Red	<i>Juniperis virginiana</i>	✓			✓		✓	✓		✓		G		50	75
Cherry, Black	<i>Prunus serotina</i>	✓			✓					✓		P		75	30
Crabapple, Flowering	<i>Malus spp.</i>			✓		✓						P		35	35
Dogwood, Flowering	<i>Cornus florida</i>	✓	✓					✓		✓		G		20	25
Dogwood, Gray	<i>Cornus racemosa</i>	✓	✓							✓		M		10	10
Elms	<i>Ulmus spp.</i>	✓			✓					✓		M		100	100
Elm, American	<i>Ulmus americana</i>	✓			✓		✓			✓		M		100	100
Elm, Chinese	<i>Ulmus parvifolia</i>			✓					✓			M		40	35
Fir, White	<i>Abies concolor</i>			✓				✓				G		40	15
Ginkgo	<i>Ginkgo biloba</i>				✓			✓	✓			G		50	50
Hackberry, Common	<i>Celtis occidentalis</i>	✓			✓		✓	✓	✓	✓		M		100	100



Common Name	Scientific Name	Missouri Native	Under 30 feet tall, plant at least 15 feet from utilities	30-60 feet tall, plant 35 feet from utilities	Over 60 feet tall, plant 45 feet from utilities	Moist and Wet Sites	Dry Conditions	Light Shade	Urban Conditions	Street Planting	Wildlife-Friendly	Branching Structure*	Most Common Pest Problems	Mature Height	Mature Spread
Oak, White	<i>Quercus alba</i>	✓			✓							G		100	100
Oak, Willow	<i>Quercus phellos</i>	✓			✓	✓	✓		✓	✓		G		55	45
Pawpaw	<i>Asimina triloba</i>	✓	✓					✓				M		20	20
Pecan	<i>Carya illinoensis</i>	✓			✓						✓	G		70	50
Persimmon, Common	<i>Diospyros virginiana</i>	✓			✓						✓	M		75	50
Pine, Austrian	<i>Pinus nigra</i>				✓							M		60	40
Pine, Eastern White	<i>Pinus strobus</i>				✓						✓	G		80	40
Pine, Jack	<i>Pinus banksiana</i>				✓							M		75	35
Pine, Limber	<i>Pinus flexilis</i>			✓			✓		✓			M		35	50
Pine, Red	<i>Pinus resinosa</i>				✓							G		100	75
Pine, Virginia	<i>Pinus virginiana</i>				✓									80	50
Pine, Shortleaf	<i>Pinus echinata</i>	✓		✓								G		40	30
Plane Tree, American	<i>Platanus occidentalis</i>	✓			✓	✓	✓		✓	✓	✓	G		100	100
Plane Tree, London	<i>Platanus x acerifolia (hybrid)</i>				✓				✓			G		100	100
Plum	<i>Prunus spp.</i>	✓									✓	P		varies	varies
Plum, Wild	<i>Prunus americana</i>	✓		✓								P		35	35
Poplar	<i>Populus spp.</i>	✓			✓						✓	P		100	100
Redbud, Eastern	<i>Cercis canadensis</i>	✓		✓				✓	✓	✓	✓	G		35	35
Sassafras	<i>Sassafras albidum</i>	✓		✓							✓	G		50	50
Serviceberry	<i>Amelanchier arborea</i>	✓	✓					✓			✓	M		25	25
Silverbell	<i>Halesia spp.</i>		✓					✓				M		20	20
Smoke Tree, American	<i>Cotinus obovatus</i>	✓		✓				✓				P		35	35
Sourwood	<i>Oxydendrum arboreum</i>				✓			✓				M		50	35
Spruce, Norway	<i>Picea abies</i>				✓			✓				G		60	30
Spruce, White	<i>Picea glauca</i>				✓	✓		✓				G		60	20
Sugarberry	<i>Celtis laevigata</i>	✓			✓	✓				✓		M		75	75
Sweetgum, American	<i>Liquidambar styraciflua</i>	✓			✓						✓	G		75	50
Tulip Poplar	<i>Liriodendron tulipifera</i>	✓			✓						✓	G		75	35
Viburnum, Blackhaw	<i>Viburnum prunifolium</i>	✓	✓									M		20	15
Walnut, Black	<i>Juglans nigra</i>	✓			✓							G		100	100
Walnut, Eastern Black	<i>Juglans nigra</i>	✓			✓						✓	G		100	100
Water Elm	<i>Planera aquatica</i>	✓			✓	✓			✓	✓				50	30
Willow (Carolina, Missouri, Black)	<i>Salix spp.</i>	✓			✓						✓	M		50	35
Witch Hazel (Eastern, Missouri)	<i>Hamamelis spp.</i>	✓	✓								✓	M		10	8