

Table 1. Outstanding Grasses for Texas.

Plant Adaptation Map

Region 1 - East Texas (Texarkana, Houston, Tyler, Beaumont, Nacagdoches)

Region 2 - South Texas (Corpus Christi, Brownsville, Laredo, Del Rio)

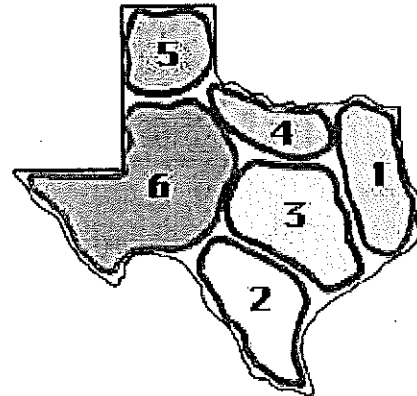
Region 3 - Central Texas (Austin, Waco, College Station, San Antonio)

Region 4 - North Central Texas (Dallas, Ft. Worth, Denton, Wichita Falls)

Region 5 - Panhandle (Amarillo)

Region 6 - West Texas (El Paso, Lubbock, San Angelo, Midland, Abilene)

Note - Plants with number 7 are adaptable to most areas of Texas.



Common name	Scientific name	Best adapted for	Notes
Bermudagrass	<i>Cynodon dactylon</i>	7	Good drought tolerance; produces dense turf; poor shade tolerance; seed or sod
Buffalograss ¹	<i>Buchloe dactyloides</i>	3, 4, 5, 6	Excellent drought tolerance; produces thin turf; poor shade tolerance; seeded
Carpetgrass	<i>Axonopus affinis</i>	1	Adapted to moist sites; tolerates partial shade; many seedheads; thin turf; seed
Centipedegrass	<i>Eremochloa ophiuroides</i>	1	Low maintenance; tolerates partial shade; drought tolerant; seed or sod
St. Augustinegrass	<i>Stenotaphrum secundatum</i>	1, 2, 3, 4	Produces dense turf; good shade tolerance; poor drought tolerance; sodded
Tall fescue	<i>Festuca arundinacea</i>	4, 5	Under irrigation, remains green year-round; good shade tolerance; poor drought tolerance; seeded
Zoysiagrass	<i>Zoysia</i> spp.	7	Produces dense turf; good shade tolerance; good drought tolerance; sodded; varieties: Meyer and Emerald

¹ Texas native

Table 2. Outstanding Vines and Groundcovers for Texas.

Plant Adaptation Map

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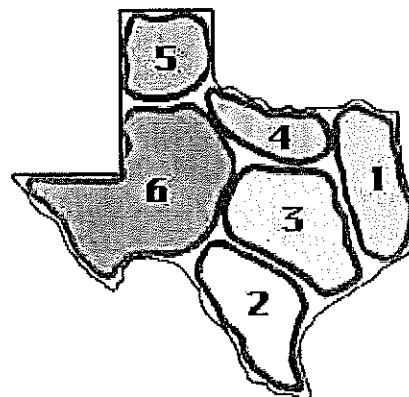
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Common name	Scientific name	Best adapted for	Exposure ²	Notes
Vines				
Boston ivy	<i>Parthenocissus tricuspidata</i>	7	E	Deciduous; fall color; clings to walls
Bougainvillea	<i>Bougainvillea</i> sp.	2	S	Evergreen; many flower colors; plant outdoors in extreme southern Texas only or provide winter protection
Carolina jessamine	<i>Gelsemium sempervirens</i>	1, 2, 3, 4	E	Evergreen; yellow spring flowers
Clematis	<i>Clematis</i> sp.	5	Sh	Beautiful blooms; deciduous vine
Confederate jasmine	<i>Trachelospermum jasminoides</i>	1, 2, 3, 4	E	Evergreen; fragrant white spring flowers
Coral honeysuckle ¹	<i>Lonicera sempervirens</i>	7	S	Coral flower in summer
Coralvine	<i>Antigonon leptopus</i>	1, 2, 3, 4, 6	S	Pink flowers in late summer and fall
English ivy	<i>Hedera helix</i>	7	Sh	Evergreen; green or variegated foliage; shade loving
Fig ivy	<i>Ficus pumila (repens)</i>	1, 2, 3, 4	E	Evergreen; clings to walls
Improved trumpet vine ¹	<i>Camsis radicans</i>	7	E	Orange flowers in summer and fall
Lady Banksia	<i>Rosa banksia</i>	1, 2, 3, 4, 6	S	Spring flowers in yellow or white
Mermaid rose	<i>Rosa x bracteaeta</i>	1, 2, 3, 4, 6	S	Fragrant, pale yellow flowers; vigorous climber; pest resistant
Rosa x fortuniana	<i>Rosa x fortuniana</i>	1, 2, 3, 4, 6	S	Fragrant, white flowers; vigorous climber; pest resistant
Silverlace vine	<i>Polygonum aubertii</i>	3, 4, 5, 6	E	Fluffy masses of white flowers
Virginia creeper ¹	<i>Parthenocissus quinquefolia</i>	7	E	Clings to walls; fall color
Wisteria	<i>Wisteria</i> sp.	7	E	Blue clusters of flowers in spring
Groundcovers				
Ajuga	<i>Ajuga reptans</i>	7	Sh	Variety of color foliage and blue flowers; requires well drained soil
Asiatic jasmine	<i>Trachelospermum asiaticum</i>	1, 2, 3, 4, 6	E	Evergreen; green or variegated foliage
Confederate jasmine	<i>Trachelospermum jasminoides</i>	1, 2, 3	E	Evergreen; fragrant, white spring flowers
English ivy	<i>Hedera helix</i>	7	Sh	Evergreen; green or variegated foliage
Liriope	<i>Liriope muscari</i>	7	E	Evergreen, grass-like foliage; purple blooms; varieties: big blue, gigantic
Monkey grass	<i>Ophiopogon japonicus</i>	7	E	Evergreen, grass-like foliage; dwarf and standard varieties
Prostrate rosemary	<i>Rosmarinus officinalis</i>	2	S	Grayish-green, fragrant foliage; light blue flowers
Santolina	<i>Santolina</i> sp.	3, 4, 5, 6	S	Species with green or silver foliage
Trailing juniper	<i>Juniperus</i> sp.	3, 4, 5, 6	S	Several varieties available; not suitable for wet, humid areas
Vinca	<i>Vinca major</i>	7	Sh	Blue flowers and dark green foliage

¹ Texas native ² S = Sun; Sh = Full to partial shade; E = Either

Table 3. Outstanding Perennials for Texas.

Plant Adaptation Map

Region 1 - East Texas (Texarkana, Houston,, Tyler, Beaumont, Nacagdoches)

Region 2 - South Texas (Corpus Christi, Brownsville, Laredo, Del Rio)

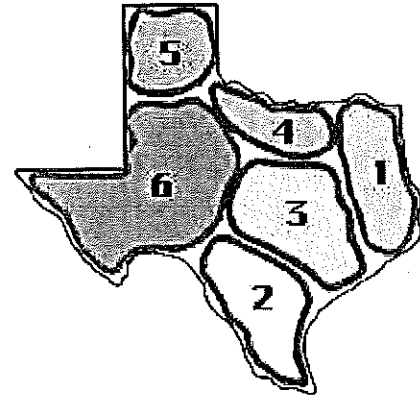
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Region 5 - Panhandle (Amarillo)

Region 6 - West Texas (El Paso, Lubbock, San Angelo, Midland, Abilene)

Note - Plants with number 7 are adaptable to most areas of Texas.



Common name	Scientific name	Best adapted for	Exposure ²	Flower color	Flowering season	Height
Autumn sage ¹	<i>Salvia greggii</i>	2, 3, 4, 6	S	White, red, pink, salmon	Spring to fall	2-3 ft
Baby sun/sunray coreopsis ¹	<i>Coreopsis grandiflora</i>	7	S	Yellow, orange	Late spring, summer	1 ft
Bearded iris	<i>Iris xiphoides</i>	7	E	Many	Spring	1-3 ft
Blue plumbago	<i>Plumbago auriculata</i>	1, 2, 3	E	Blue, white	Summer, fall	3 ft
Bouncing bet	<i>Sapinaria officinalis</i>	7	E	Pink	Summer	1-2 ft
Cigar plant	<i>Cuphea micropetala</i>	1, 2, 3	E	Red/yellow	Summer, fall	3-4 ft
Daylily	<i>Heemerocallis</i> sp.	7	S	Many	Spring, summer	1-3 ft
Firebush	<i>Hamelia patens</i>	1, 2, 3	S	Reddish-orange	Summer, fall	3-5 ft
Garden canna	<i>Canna x generalis</i>	7	E	Yellow, red, pink, salmon	Summer	2-4 ft
Goldsturm rudbeckia	<i>Rudbeckia x goldsturm</i>	7	S	Yellow	Summer	2 ft
Hinckley's columbine ¹	<i>Aquilegia hinckleyana</i>	2, 3, 5	Sh	Yellow	Spring	18 in
Indian blanket ¹	<i>Gaillardia</i> sp.	7	S	Reddish-yellow	Spring to fall	18 in
Lantana ¹	<i>Lantana</i> sp.	1, 2, 3, 6	S	Many	Spring to fall	1-2 ft
Louisiana iris	<i>Iris fulva x Iris giganteaerulea x Iris foliosa</i>	7	E	Many	Spring	3 ft
Mealy cup sage ¹	<i>Salvia farinacea</i>	1, 2, 3, 4, 6	S	Blue, white, purple	Spring, summer, fall	3 ft
Mexican oregano	<i>Poliomentha longiflora</i>	1, 2, 3, 6	S	Pink	Summer	1-2 ft
Mexican sage	<i>Salvia leucantha</i>	2, 3	S	Blue	Spring to fall	3-4 ft
Moonbeam/ Zagreb coreopsis ¹	<i>Coreopsis verticillata</i>	7	S	Yellow, orange	Late spring, summer	2-3 ft
Pavonia ¹	<i>Pavonia lasiopetala</i>	1, 2, 3	E	Pink	Spring to fall	3-4 ft
Perennial verbena ¹	<i>Verbena</i> sp.	1, 2, 3, 4, 6	S	Many	Spring to fall	6 in - 1 ft
Pink rain lily ¹	<i>Zephyranthes grandiflora</i>	7	E	Pink	Summer	1 ft
Purple coneflower ¹	<i>Echinacea angustifolia</i>	7	S	Purple	Spring to fall	18 in
Rosemary	<i>Rosmarinus officinalis</i>	1, 2, 3, 4, 6	E	Blue	Summer, fall	1-4 ft
Society garlic	<i>Tilbaghia violacea</i>	7	E	Lavender	Spring to fall	18 in
Sweet violet	<i>Viola odorata</i>	7	Sh	Purple	Winter, spring	6-8 in
White rain lily ¹	<i>Zephyranthes candida</i>	1, 2, 3, 4, 6	E	White	Summer	1 ft
Grasses						
Big bluestem ¹	<i>Andropogon gerardii</i>	7	S		Summer, fall	3-4 ft
Fountain grass	<i>Pennisetum ruppelii</i>	7	S		Summer	3 ft
Muhly grass ¹	<i>Muehlenbergia lindheimeri</i>	2, 3, 4, 6	S		Summer	3 ft

Table 4. Outstanding Shrubs for Texas.

Plant Adaptation Map

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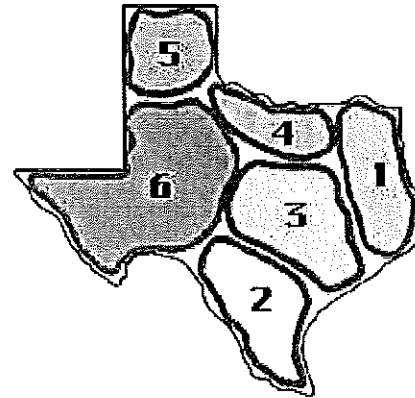
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Region 5 - Panhandle (Amarillo)

Region 6 - West Texas (El Paso, Lubbock, San Angelo, Midland, Abilene)

Note - Plants with number 7 are adaptable to most areas of Texas.



Common name	Scientific name	Best adapted for	Exposure ²	Notes
Dwarf Shrubs (1 to 3 feet tall)				
Dwarf burford holly	<i>Ilex cornuta rotunda burfordii</i>	7	E	Glossy evergreen foliage
Dwarf Chinese holly	<i>Ilex cornuta rotunda</i>	7	E	Glossy evergreen foliage
Dwarf pittosporum	<i>Pittosporum tobira wheeleri</i>	1, 2, 3	E	Small, round evergreen
Dwarf yaupon holly ¹	<i>Ilex vomitoria nana</i>	7	E	Glossy evergreen foliage
Nandina: harbour dwarf, gulf stream, nana	<i>Nandina</i> sp.	7	E	Reddish evergreen foliage
Red yucca ¹	<i>Hesperaloe parvifolia</i>	7	S	Red flowers on tall spikes
Rosemary	<i>Rosmarinus officinalis</i>	1, 2, 3, 4, 6	S	Fragrant bluish-green foliage; blue flowers; herb
Small Shrubs (3 to 5 feet tall)				
Barberry	<i>Berberis thunbergii atropurpurea</i>	1, 3, 4, 5, 6	S	Red evergreen foliage
Bridal wreath spirea	<i>Spiraea cantoniensis</i> (<i>S. reevesiana</i>)	7	E	Sprawling; fern-like; white spring blooms
China rose	<i>Rosa chinensis</i>	1, 2, 3, 4, 6	S	Hardy; long-blooming; pest resistant; varieties: Old Blush (pink) and Cramoisi Superior (red)
Dwarf burford holly	<i>Ilex cornuta rotunda burfordii</i>	7	E	Glossy evergreen foliage
Dwarf palmetto ¹	<i>Sabal minor</i>	1, 2, 3, 4, 6	E	Trunkless, bushy palm
Flowering quince	<i>Chaenomeles japonica</i>	7	S	Deciduous shrub; spring blooming (red, pink, white or orange)
Glossy abelia	<i>Abelia grandiflora</i>	7	E	Bronze evergreen foliage and white flowers
Grayleaf cotoneaster	<i>Cotoneaster glaucophylla</i>	1, 3, 4, 5, 6	E	Sprawling evergreen shrub; dusty gray foliage
Indian hawthorne	<i>Raphiolepis indica</i>	7	E	Spring flowering; blue berries in fall; evergreen
Japanese boxwood	<i>Buxus japonica</i>	7	E	Evergreen foliage
Juniper	<i>Juniperus</i> sp.	1, 3, 4, 5, 6	S	Tough, evergreen shrub; many varieties available
Nandina compact	<i>Nandina domestica compacta</i>	7	E	Reddish evergreen foliage and red fall berries
Tea rose	<i>Rosa odorata</i>	1, 2, 3, 4, 6	S	Hardy; long-blooming; pest resistant; excellent varieties: Mrs. B.R. Cant (rose), Mrs. Dudley Cross (yellow) and Duchesse de Brandant (pink)
Medium Shrubs (6 to 9 feet tall)				
Agarita ¹	<i>Mahonia trifoliata</i>	2, 3, 4, 6	S	Holly-like evergreen foliage; yellow spring flowers; red edible berries

Althea	<i>Hibiscus syriacus</i>	7	S	Upright; deciduous; many colors; summer blooming
Burford holly	<i>Ilex cornuta burfordii</i>	7	E	Glossy evergreen foliage
Central Texas sage ¹	<i>Leucophyllum</i> sp.	2, 3, 4, 6	S	Dusty gray evergreen foliage; blooms throughout summer; several new varieties: Green-cloud (green foliage) and other TAMU releases
Chinese horned holly	<i>Ilex cornuta</i>	7	E	Glossy evergreen foliage
Eleagnus	<i>Eleagnus fruitlandi</i>	7	S	Evergreen with grayish-green foliage
Forsythia	<i>Forsythia intermedia spectabilis</i>	1, 3, 4, 5, 6	E	Yellow spring flowers
Fraser photinia	<i>Photinia x fraseri</i>	7	E	Red new foliage; evergreen
Glossy abelia	<i>Abelia grandiflora</i>	1, 3, 4, 5, 6	E	Bronze evergreen foliage; white or pink flowers
Green pittosporum	<i>Pittosporum tobira</i>	1, 2, 3, 4, 6	E	Large evergreen shrub
Indian hawthorne	<i>Raphiolepis indica</i>	7	E	Spring flowering; blue berries in fall; evergreen
Italian jasmine	<i>Jasminum humile</i>	7	S	Sprawling evergreen; yellow summer flowers
Juniper	<i>Juniperus</i> sp.	1, 3, 4, 5, 6	S	Tough evergreen; many varieties
Nandina	<i>Nandina domestica</i>	7	E	Reddish evergreen foliage; red fall berries
Pomegranate	<i>Punica granatum</i>	1, 2, 3, 4, 6	S	Large, upright shrub; orange blooms; edible fruit; dwarf variety: Chico
Variegated pittosporum	<i>Pittosporum tobira variegata</i>	1, 2, 3, 4, 6	E	Green/white variegated evergreen shrub
Winter honeysuckle	<i>Lonicera fragrantissima</i>	7	E	Fragrant clusters of white flowers in winter
Large Shrubs (10 to 25 feet tall)				
American holly ¹	<i>Ilex opaca</i>	1	S	Tree-form holly; evergreen foliage; red berries
Arizona cypress	<i>Cupressus arizonica</i>	1, 3, 4, 5, 6	S	Evergreen for specimen and windbreak plantings
California fan palm	<i>Washingtonia filifera</i>	1, 2, 3	S	Tree-like palm
Cherry laurel ¹	<i>Prunus caroliniana</i>	1, 2, 3, 4, 6	E	Tree-like evergreen shrub
Chinese photinia	<i>Photinia serrulata</i>	1, 3, 4, 5, 6	E	Evergreen; red spring foliage; white spring blooms
Crape myrtle	<i>Lagerstroemia indica</i>	7	S	Shrubby to tree-like; summer blooming; many flower colors available
Lilac	<i>Syringa vulgaris</i>	5	S	Deciduous blooming shrub; adapted to alkaline soil
Mock orange	<i>Philadelphus coronarius</i>	1, 5	S	Fragrant white blooms in late spring
Oleander	<i>Nerium oleander</i>	1, 2, 3, 4, 6	S	Evergreen foliage; summer blooming; many colors available
Possumhaw ¹	<i>Ilex decidua</i>	1, 2, 3, 4	S	Deciduous holly; red to orange berries persist through early winter
Russian olive	<i>Eleagnus angustifolia</i>	4, 5, 6	E	Gray foliage; yellow flowers; evergreen for windbreak plantings
Texas mountain laurel ¹	<i>Sophora secundiflora</i>	2, 3, 6	E	Tree-like evergreen shrub; purple spring flowers
Texas palmetto ¹	<i>Sabal texana</i>	1, 2, 3, 6	S	Tall, native Texas palm
Texas persimmon ¹	<i>Diospyros texana</i>	2, 3, 6	S	Tree-like; light gray trunk; fruit edible by animals
Vitex	<i>Vitex agnus-castus</i>	7	S	Tree-like; flowers blue or white; summer blooming
Washington hawthorn	<i>Crataegus phaenopyrum</i>	5	S	Maple-shaped leaves; white flower; red berries
Windmill palm	<i>Trachycarpus fortunei</i>	1, 2, 3, 4, 6	S	Tree-like; fibrous bark
Yaupon holly ¹	<i>Ilex vomitoria</i>	7	E	Upright evergreen, spineless holly; red to orange berries

1 Texas native 2 S = Sun; Sh = Full to partial shade; E = Either

Outstanding Perennials for Texas

Pampas grass	<i>Cortaderia selloana</i>	7	S		Summer, fall	7 ft
Purple autumn grass	<i>Miscanthus sinensis</i>	7	S		Summer	3-4 ft
Sideoats gramma ¹	<i>Bouteloua curtipendula</i>	7	S		Summer	2-3 ft

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Table 5. Outstanding Trees for Texas.

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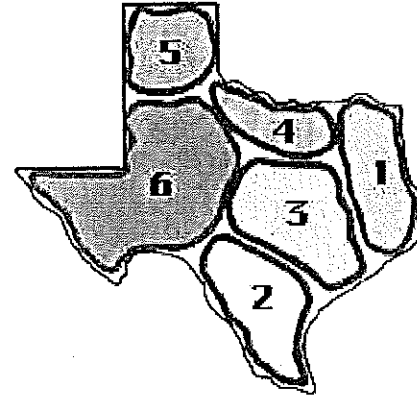
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Common name	Scientific name	Best adapted for	Notes
Small Trees (20 to 35 feet tall)			
American plum	<i>Prunus americana</i>	5	White blooms in spring; sour fruit good for jelly
Aristocrat pear	<i>Pyrus calleryana</i> 'Aristocrat'	1, 3, 4, 5, 6	Spring flowers; fall color
Bradford pear	<i>Pyrus calleryana</i> 'Bradford'	1, 3, 4, 5, 6	Spring flowers; fall color
Canaert redcedar ¹	<i>Juniperus virginiana</i>	7	Evergreen for specimen or windbreak
Chinese pistache	<i>Pistacia chinensis</i>	7	Spreading canopy; fall color
Crabapple	<i>Mallus</i> sp.	1, 3, 4, 5, 6	Spring flowering tree; many varieties
Desert willow ¹	<i>Chilopsis linearis</i>	2, 3, 4, 5, 6	Snapdragon-like flowers in summer; willow-like foliage
Dogwood ¹	<i>Cornus florida</i>	1	Graceful tree; large spring blooms of white and pink
Eldarica pine	<i>Pinus eldarica</i>	2, 3, 4, 6	Best pine for alkaline soils; Christmas tree-shaped
Fan d'Arc osage orange	<i>Maclura pomifera</i> 'Fan d'Arc'	7	Improved fruitless selection
Honey mesquite ¹	<i>Prosopis glandulosa</i>	2, 3, 4, 6	Lacy spreading form
Japanese black pine	<i>Pinus thunbergii</i>	7	Rounded small tree; adapted to alkaline soils
Japanese persimmon	<i>Diospyros kaki</i>	7	Edible showy fruit; glossy green foliage
Mexican plum ¹	<i>Prunus mexicana</i>	7	Fragrant spring flowers; attractive trunk
Nanking cherry	<i>Prunus tomentosa</i>	5	Tough, fruiting, shrubby tree
Panicled golden raintree	<i>Koelreuteria paniculata</i>	3, 4, 5, 6	Showy flowers and seed pods
Pink lady euonymus	<i>Euonymus bungeanus</i>	5	Alkaline-tolerant; deciduous; light green foliage; showy seeds in fall
Redbud ¹	<i>Cercis</i> sp.	7	Spring blooming; excellent varieties: Oklahoma and Forest Pansy
Slash pine ¹	<i>Pinus elliotii</i>	1	Evergreen pine
Soapberry ¹	<i>Sapindus drummondii</i>	7	Fall color
Texas ebony ¹	<i>Pithecellobium flexicaule</i>	2	Airy foliage and flowers
Wild olive ¹	<i>Corida boissieri</i>	2	White flowers and bold foliage
Large Trees (above 35 feet tall)			
Austrian black pine	<i>Pinus nigra</i>	5	Adapted to wind and cold
Bald cypress ¹	<i>Taxodium distichum</i>	1, 2, 3, 4, 6	Deciduous conifer; fine textured foliage; fall color
Black walnut ¹	<i>Juglans nigra</i>	1, 5	Good tree but tends to be messy
Blue spruce	<i>Picea pungens</i> 'Glauca'	5	Grayish-blue needles
Bur oak ¹	<i>Quercus macrocarpa</i>	7	Bold foliage; huge acorns
Cedar elm ¹	<i>Ulmus crassifolia</i>	7	Upright growth habit; good street tree
Chinquapin oak ¹	<i>Quercus muhlenbergii</i>	1, 2, 3, 4, 6	Round-topped tree; bold foliage
Deodar cedar	<i>Cedrus deodora</i>	7	Bluish-green conifer

Outstanding trees for Texas

Hackberry ¹	<i>Celtis occidentalis</i>	5	Variety 'Shademaster' particularly recommended for area 5
Honey locust	<i>Gleditsia triacanthos</i>	2, 3, 4, 5, 6	Thornless varieties available
Kentucky coffee tree	<i>Gymnocladus dioica</i>	5	Upright tree; fine textured foliage
Lace bark elm	<i>Ulmus parvifolia</i>	7	Textured bark; spreading shade tree
Live oak ¹	<i>Quercus virginiana</i>	1, 2, 3, 4, 6	Evergreen shade tree
Loblolly pine ¹	<i>Pinus taeda</i>	1	Evergreen pine
Pecan ¹	<i>Carya illinoensis</i>	7	State tree; edible nuts
Ponderosa pine	<i>Pinus ponderosa</i>	5	Bushy, attractive tree
Shumard oak ¹	<i>Quercus shumardii</i>	1, 2, 3, 4, 5	Fall color
Southern magnolia ¹	<i>Magnolia grandiflora</i>	1	Bold evergreen tree; large white blooms throughout summer
Sweetgum ¹	<i>Liquidambar styraciflua</i>	1	Upright growth habit; fall color
Texas red oak ¹	<i>Quercus texana</i>	7	Fall color
Water oak ¹	<i>Quercus nigra</i>	1	Holds foliage well into winter

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