



EXTENSION

Drought-Tolerant Plant Selections for Oklahoma

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See Extension Circular **E-1051** for plant photographs and more information.

The plants listed are targeted for Oklahoma City specifically with many also suitable for the entire state of Oklahoma. All

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<http://osufacts.okstate.edu>

selections were chosen for their heat and drought tolerance as well as commercial availability.

This list is separated by annuals, perennials, ornamental grasses, vines, groundcover, shrubs, trees, and turfgrasses. Each plant is listed alphabetically by its scientific name within each category. The mature height and width are listed, which should be kept in mind when planning a landscape. Each plant has the season(s) of interest shown and light requirements. **Many plants listed are considerably more drought resistant when properly mulched.** Consumers should note that some listed plant materials can be toxic to pets and humans when ingested. Some plants may cause dermal reactions. People with young children or pets that may ingest landscape plants should check with their garden center or nursery professional if potential toxicity is a concern.

The following plant list is not comprehensive and many other plants not listed in this guide may be appropriate for the landscape.

| Common Name | Scientific Name | Height X Width (in) | Light Requirement | Season of Interest | Comments |
|--------------------|-------------------------------|---------------------|---------------------------|--------------------|---|
| ANNUALS | | | | | |
| Summer Snapdragon | <i>Angelonia angustifolia</i> | 12-24" x 12-24" | Sun | SUM | Continuous flowers through the season, won't flower if over fertilized. Various flower colors available. |
| Asparagus Fern | <i>Asparagus</i> spp. | 18-36" x 18-36" | Sun | SUM | Very tough, drought tolerant plant. Many varieties available. Plant may be brought indoors by fall to serve as a houseplant. |
| Wax Begonia | <i>Begonia</i> spp. | 8" x 12" | Full sun to partial shade | SUM | Useful in shade and sun. Light requirements vary, depending on the selection. Blooms with minimal care. |
| Ornamental Peppers | <i>Capsicum</i> spp. | 18" x 12" | Sun | SUM | Works well as a garden border or in containers. Attractive fruit add color and texture to the plant. Various colors available. |
| Indian Paintbrush | <i>Castilleja indivisa</i> | 12" x 12" | Sun | SPR | Self-sows freely; deadhead to prevent volunteer seedlings next season. Commercially available from seed. |
| Periwinkle | <i>Catharanthus roseus</i> | 8" x 12" | Full sun to partial shade | SUM | Does not perform well in cold, wet soils. Various flower colors available. |
| Cockscomb | <i>Celosia</i> spp. | 12" x 12" | Sun | SUM | Good for sunny, dry borders. Plumes provide a very soft texture and brilliant color throughout the summer. Various flower colors available. |
| Spider Flower | <i>Cleome</i> spp. | 24" x 36" | Full sun to partial shade | SUM | Taller varieties good for back of the border plantings. Flowers fully open in morning and evening. |

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| Cosmos | <i>Cosmos</i> spp. | 18"x24" | Sun | SUM | Over fertilization and overwatering lead to fewer flowers. Various flower colors and heights available. |
| Silver Falls Dichondra | <i>Dichondra argentea</i> 'Silver Falls' | 2-4"x varies | Full sun to partial shade | SUM | Accent for hanging baskets and containers. Round, silver foliage provides nice contrast for mixed containers. |
| Diamond Frost Euphorbia® | <i>Euphorbia graminea</i> 'Inneuphodia' | 18"x24" | Sun | SUM | Works well in containers, may have problems in chronically wet soils. |
| Snow-on-the-Mountain | <i>Euphorbia marginata</i> | 36"x24" | Sun | SUM | Attracts butterflies and can reseed aggressively. |
| Blue Daze | <i>Evolvulus pilosus</i> 'Blue Daze' | 12"x24" | Full sun to partial shade | SUM | Use in a garden border, container, or as groundcover. True blue flowers until first frost. |
| Globe Amaranth | <i>Gomphrena globosa</i> | 12"x18" | Sun | SUM | Drought and heat tolerant. Flower heads are produced from Summer until first frost. Flowers are easy to dry for "everlasting" arrangements. |
| Firebush | <i>Hamelia patens</i> | 30"x36" | Sun | SUM | Attracts hummingbirds and butterflies. Leaves turn red during fall. |
| Helenium | <i>Helenium amarum</i> 'Dakota Gold' | 12"x24" | Sun | FALL | Works well in beds, containers, rock gardens, and as an accent. Dakota Gold is an improved selection of an Oklahoma native. |
| Sunflower | <i>Helianthus annuus</i> | 2-6'x6-12' | Sun | SUM | May repel certain insects. Taller varieties should be planted in an area that will be sheltered from strong winds. |
| Strawflower | <i>Helichrysum bracteatum</i> | 24"x12" | Sun | FALL | High humidity, rainy conditions, and too much watering can harm the plant. Popular in dried arrangements. |
| Sweet Potato Vine | <i>Ipomoea batatas</i> | 18"x40" | Sun | SUM | This plant works well as an annual ground cover and in containers. Grows well in heat and humidity. Foliage available in several colors. |
| Lantana | <i>Lantana camara</i> | 24"x40" | Sun | SUM | Excellent performance under hot conditions; attracts butterflies. Various flower colors available. |
| Texas Bluebonnet | <i>Lupinus texensis</i> | 6-12"x 12-15" | Sun | FALL | Texas state flower. Most readily available by seed. |
| Pentas | <i>Pentas lanceolata</i> | 24"x 36" | Sun | SUM | Can take cuttings at the end of the Summer and will continue to bloom in a warm, south-facing window. Does well in containers. Attracts butterflies. |
| Mexican Bush Sage | <i>Salvia leucantha</i> | 36"x 48" | Sun | SUM | Produces purple and white flower spikes that attract hummingbirds and butterflies. May overwinter. |
| Fan Flower | <i>Scaevola aemula</i> | 12"x 12" | Sun | SUM | Very low growing. Works well in hanging baskets. Plant has glossy leaves and continuous flowers. Also available in pink and white. |
| Dusty Miller | <i>Senecio cineraria</i> | 24"x 24" | Sun | ALL | Useful as an edging or in containers, may overwinter. Silver foliage useful for unique flower bed designs. |
| Marigold | <i>Tagetes</i> spp. | 24"x 36" | Sun | SUM | Popular choice for companion planting in vegetable gardens. Available in dwarf and tall selections. |
| Yellow Bells | <i>Tecoma stans</i> | 4'x 4' | Sun | SUM | Attracts butterflies and hummingbirds. Tropical plant used as an annual in Oklahoma. |
| Mexican Sunflower | <i>Tithonia rotundifolia</i> | 48"x 36" | Sun | SUM | Attracts butterflies. Very heat tolerant and makes an excellent background annual in the flower bed. |
| Purple Heart | <i>Tradescantia pallida</i> 'Purpurea' | 16"x 12" | Sun | ALL | Drought-tolerant. Easily propagated by cuttings. Cuttings can be overwintered. Container planters can be brought indoors during winter. |
| Mexican Zinnia | <i>Zinnia angustifolia</i> | 12"x 12" | Sun | SUM | Deadhead for continuous bloom. Colors available include white, yellow, pink, red or orange flowers. Does well in containers or borders. |

PERENNIALS

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|---------------|----------------------------|---------|-----|------|---|
| Yarrow | <i>Achillea</i> spp. | 12"x36" | Sun | SUM | Works well as an edging or in mass grouping. Various colors available. |
| Hyssop | <i>Agastache rupestris</i> | 24"x18" | Sun | FALL | Attracts hummingbirds and butterflies. Aromatic foliage. |
| Parry's Agave | <i>Agave parryi</i> | 12"x9" | Sun | ALL | Plant has spines or sharp edges; site accordingly and use extreme caution when handling. Marginally winter hardy in Oklahoma. |

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| Arkansas Bluestar | <i>Amsonia hubrichtii</i> | 36"x36" | Full sun to partial shade | FALL | Blue flowers in early summer, foliage turns yellow/orange in the fall. |
| Eastern Red Columbine | <i>Aquilegia canadensis</i> | 24-36"x 12" | Shade | SPR | A wonderful addition to native plant gardens, woodland gardens, cottage gardens, or naturalized areas. |
| Mugwort | <i>Artemisia</i> spp. | 24"x36" | Sun | FALL | Grown for its fine textured silver foliage. |
| Butterfly Weed | <i>Asclepias tuberosa</i> | 48"x36" | Sun | SUM | Attracts butterflies to the garden. Flowers followed by interesting seed pods. |
| Japanese Painted Fern | <i>Athyrium nipponicum</i> | 12"x18" | Shade | SUM | Very low maintenance, contrasts well with many shade-loving plants. |
| Blue False Indigo | <i>Baptisia australis</i> | 36"x48" | Sun | ALL | Works well in the back of flower borders. Showy flowers followed by persistent seed pods for winter interest. |
| Atlantic Camas | <i>Camassia scilloides</i> | 30"x24" | Full sun to partial shade | SPR | Looks best in mass plantings. |
| American Bellflower | <i>Campanulastrum americanum</i> | 4-6'x 18-24" | Full sun to partial shade | SUM | Self-sows freely; deadhead to prevent volunteer seedlings next season. |
| Snow-in-Summer | <i>Cerastium tomentosum</i> | 6"x12" | Sun | SUM | Prefers dry soil, root rot may occur on wet soils. |
| Hardy Plumbago | <i>Ceratostigma plumbaginoides</i> | 8"x15" | Full sun to partial shade | FALL | A good plant for inter-planting with spring bulbs. True blue flowers, bronze fall color. Excellent ground cover. |
| Hairy Lipfern | <i>Cheilanthes lanosa</i> | 6"x12" | Full sun to partial shade | ALL | Works well in a rock or wall garden. |
| Coreopsis | <i>Coreopsis</i> spp. | 18"x36" | Sun | SUM | Early summer blooms provide brilliant yellow color. Good for perennial borders and prairie gardens. |
| Montbretia | <i>Crocosmia x curtonus</i> 'Lucifer' | 2-4'x1-2" | Sun | SUM | Provides a tropical flare to the landscape. Mulch for enhanced winter hardiness. |
| Hardy Winter Cyclamen | <i>Cyclamen coum</i> | 12"x12" | Full sun to partial shade | WIN | Fast growing. |
| Hardy Fall Cyclamen | <i>Cyclamen hederifolium</i> | 4-6"x 4-6" | Full sun to partial shade | FALL | Fall bloomer, fits in well for a rock garden. |
| Carolina Larkspur | <i>Delphinium carolinianum</i> ssp. <i>virescens</i> | 24-36"x 9-12" | Sun | SPR | This cool season plant will go dormant during hot weather and regrow in the fall. |
| Bundleflower | <i>Desmanthus illinoensis</i> | 2-4'x 1.5-2' | Sun | ALL | Seeds are desirable for birds. Species is available by seed. |
| Purple Coneflower | <i>Echinacea purpurea</i> | 24"-18" | Sun | SUM | Native to the tall grass prairie. Blooms attract birds and butterflies. |
| Myrtle Euphorbia | <i>Euphorbia myrsinites</i> | 6"-12" | Sun | FALL | Excellent for rock gardens and green roofs. |
| Blanket Flower | <i>Gaillardia</i> spp. | 12"x24" | Sun | SUM | Oklahoma state wildflower; attracts butterflies. |
| Gaura | <i>Gaura lindheimeri</i> | 30"x36" | Sun | SUM | Easily propagated by seed. Narrow foliage is quite showy. |
| Oxeye Sunflower | <i>Heliopsis helianthoides</i> | 4-5'x 2-4' | Sun | SUM | Works well in the back of perennial borders. Deadhead for continuous bloom. Various cultivars available. |
| Lenten Rose | <i>Helleborus orientalis</i> | 18"x18" | Full sun to partial shade | ALL | Evergreen, blooms in winter. |
| Daylily | <i>Hemerocallis</i> spp. | 12"x36" | Sun | SUM | Hundreds to choose from, deadhead for rebloom. Foliage ranges from deciduous to nearly evergreen. |
| Red Yucca | <i>Hesperaloe parviflora</i> | 36-48"x 24-36" | Sun | ALL | Heat and drought tolerant, red yucca is wonderful for rock gardens. Yellow flowering selections also available. |
| Stonecrop | <i>Hylotelephium spectabile</i> | 18"x 24" | Sun | FALL | Plant alone or in combinations in borders or containers. |
| Standing Cypress | <i>Ipomopsis rubra</i> | 3-5'x 3-6' | Sun | SUM | This plant is attractive to bees, butterflies and birds. |
| Iris | <i>Iris</i> spp. | 36"x12" | Sun | SUM | Avoid high nitrogen fertilizer. Various colors and flower forms available. |
| Blue Star Kalimeris | <i>Kalimeris incisa</i> 'Blue Star' | 12-18"x 12-18" | Full sun to partial shade | FALL | Plants may self-seed in ideal growing conditions. Performs well in hot and humid summers. |
| Red Hot Poker | <i>Kniphofia triangularis</i> | 24"x36" | Sun | SUM | Great tolerance for drought and summer heat. Avoid wet, poorly drained soils. |

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| Prairie Blazing Star | <i>Liatris pycnostachya</i> | 24-48"x 12-24" | Sun | SUM | Good tolerance for drought, summer heat, and humidity. Intolerant of wet soils in winter. Multiple species are native to Oklahoma. |
| Spotted Beebalm | <i>Monarda punctata</i> | 24-26"x 12-18" | Sun | SUM | Deadhead flowers to prolong summer bloom. Aromatic foliage. |
| Catmint | <i>Nepeta x fassenii</i> | 24"x30" | Sun | SUM | Thrives in heat and drought once established. Aromatic foliage. |
| Evening Primrose | <i>Oenothera macrocarpa</i> | 9"x12" | Sun | SUM | Can work as a dense foliage groundcover in shade, but won't bloom without adequate sunlight. |
| Prickly Pear | <i>Opuntia macrorhiza</i> | 6-12"x 6-12" | Sun | ALL | 2- to 3-inch spines and tufts of bristles can be harmful to humans and pets. Spineless prickly pear is commercially available. |
| Foxglove | <i>Penstemon digitalis</i> | 36-48"x 18-24" | Sun | SUM | Avoid wet, poorly drained soils. Attracts hummingbirds. |
| Beardtongue | <i>Penstemon mexicali</i> | 12-24"x 12-24" | Sun | SUM | Good tolerance for drought, summer heat, and humidity. Avoid wet, poorly drained soils. |
| Russian Sage | <i>Perovskia atriplicifolia</i> | 30"x24" | Sun | SUM | Useful in the back of the border. Grey-green foliage, very ornamental. |
| Christmas Fern | <i>Polystichum acrostichoides</i> | 12-24"x 12-24" | Shade | SUM | Does not tolerate heavy clay soils or standing water. |
| Mexican Hat | <i>Ratibida columnifera</i> | 24-36"x 12-30" | Sun | SUM | Very tough, drought tolerant plant. A good selection for wildflower or prairie gardens. Most readily available by seed in garden centers. |
| Rosemary | <i>Rosmarinus officinalis</i> | 6'x2-4' | Sun | SPR | Works well in containers, may have problems in wet soils. Very fragrant foliage. |
| Giant Coneflower | <i>Rudbeckia maxima</i> | 5'x3' | Sun | SUM | Can decline in above average summer temperatures; attracts butterflies. |
| Blackeyed Susan | <i>Rudebeckia hirta</i> | 18-36"x 18-36" | Sun | SUM | Attracts butterflies. Will self-seed in ideal growing conditions. Flower stalks attract birds after blooming season. Dramatic, ornamental leaves. |
| Autumn Sage | <i>Salvia greggii</i> | 18"x18" | Sun | SUM | Attracts hummingbirds and butterflies |
| Lavender Cotton | <i>Santolina chamaecyparissus</i> | 24"x24" | Sun | SUM | Very low growing, works well in hanging baskets. |
| Santolina Lemon Fizz | <i>Santolina virens</i> 'Lemon Fizz' | 18-24"x 18-24" | Sun | SUM | Drought and heat tolerant. Compact, rounded growing habit. |
| Hens and Chicks | <i>Sempervivum</i> spp. | 4"x4" | Sun | ALL | Performs well in pots, on rock walls and foreground of perennial beds. Plant will slowly horizontally spread and thus good for filling in areas. |
| Compass Plant | <i>Silphium laciniatum</i> | 4-6'x30-24" | Sun | FALL | Compass plant has a large, woody taproot that may reach down 15 ft. |
| Dwarf Goldenrod | <i>Solidago sphacelata</i> 'Golden Fleece' | 12-18"x 12-18" | Sun | FALL | Good for erosion control, attracts butterflies. Pollen is normally not an allergen. |
| Lamb's Ear | <i>Stachys byzantina</i> | 6-12"x 12-15" | Sun | ALL | Very tough, drought tolerant plant. Small hairs on the foliage provide a soft texture giving reason for its common name. |
| Bluejacket | <i>Tradescantia ohiensis</i> | 24-36"x 9-12" | Full sun to partial shade | SUM | When touched in the heat of the day, the flowers shrivel. |
| Verbena-on-a-Stick | <i>Verbena bonariensis</i> | 36"x24" | Sun | SUM | Blender plant to fill in gaps in the flower border. Profusely reseeds so plant accordingly. |
| Verbena | <i>Verbena canadensis</i> | 4"x12" | Sun | SUM | Overwatering or poor air circulation will harm the plant. Various colors available. |
| Bird's Foot Viola | <i>Viola pedata</i> | 3-6"x 3-6" | Full sun to partial shade | SPR | This plant is attractive to bees, butterflies, and birds. |
| Yucca | <i>Yucca filamentosa</i> | 48"x36" | Sun | ALL | Adds unique vertical element to design. Evergreen foliage and seed pods offer winter interest. |

ORNAMENTAL GRASSES AND RELATED SPECIES

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|------------------|-------------------------------|----------------|-----|------|--|
| Big Bluestem | <i>Andropogon gerardii</i> | 36"x48" | Sun | ALL | Works as a tall background or a screen, cut back in the spring before new growth starts. |
| Purple Three Awn | <i>Aristida purpurea</i> | 12-24"x 12-24" | Sun | FALL | Good for erosion control; seeds attract song birds, good habitat for wildlife. |
| Sideoats Grama | <i>Bouteloua curtipendula</i> | 18-30"x 18-30" | Sun | SUM | Often found growing with Little Bluestem (<i>Schizachyrium scoparium</i>). Does not compete well with very tall grasses. |
| Blue Grama | <i>Bouteloua gracilis</i> | 8-24"x 30-24" | Sun | SUM | An important component of the Great Plains short grass prairie. |

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| Northern Sea Oats | <i>Chasmanthium latifolium</i> | 24"x36" | Sun | ALL | One of the more shade tolerant ornamental grasses, may self-seed. |
| Love Grass | <i>Eragrostis elliottii</i> | 24-36"x 24-36" | Sun | ALL | Excellent erosion control. Very fine-textured foliage and airy seed heads give this plant excellent movement from even light wind. |
| Blue Fescue | <i>Festuca glauca</i> | 6-10"x 6-10" | Full sun to partial shade | ALL | Good accent plant. May go dormant in hot summers. |
| Blue Oat Grass | <i>Helictotrichon sempervirens</i> | 24-36"x 24-36" | Sun | ALL | Best blue color in dry soils. Tolerates light shade but performs best in full sun. |
| Corkscrew Rush | <i>Juncus effusus</i> | 24"x30" | Sun | ALL | Not a true grass, this species requires little maintenance other than watering. |
| Blue Lyme Grass | <i>Leymus arenarius</i> | 24"x36" | Sun | SUM | Spreading grass best used in containers or large masses. |
| Maiden Grass | <i>Miscanthus sinensis</i> | 48"x36" | Sun | ALL | Great as specimen or in groupings. Can spread quickly and become a nuisance if not maintained. |
| Mexican Feather Grass | <i>Nassella tenuissima</i> | 18"x12" | Sun | ALL | Remove the top third of the plant in the spring. Will reseed each growing season and can spread vigorously if not maintained. |
| Switchgrass | <i>Panicum virgatum</i> | 36"x36" | Sun | SUM | Useful as a screen, very vigorous plant. Many selections available. |
| Little Bluestem | <i>Schizachyrium scoparium</i> | 24"x36" | Sun | ALL | Works well as a background plant or in mass planting. |
| Indiangrass | <i>Sorghastrum nutans</i> | 26"x36" | Sun | FALL | Cut back in late winter or early spring. Many cultivars available. |
| Prairie Dropseed | <i>Sporobolus heterolepis</i> | 24-48"x 24-48" | Sun | ALL | Foliage maintains a golden-bronze color through winter. Flowers are noted for unique fragrance in late summer-fall. |

VINES

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|---------------------|------------------------------------|----------------|---------------------------|------|---|
| Crossvine | <i>Bignonia capreolata</i> | 50'x50' | Sun | SPR | Evergreen, blooms in spring, grows very quickly and may need to be pruned. |
| Trumpet Vine | <i>Campsis radicans</i> | 35'x35' | Sun | SUM | Extremely vigorous, should be pruned frequently, can become weedy; attracts hummingbirds. |
| Carolina Jessamine | <i>Gelsemium sempervirens</i> | 20'x20' | Sun | SPR | Attracts butterflies. Early-blooming vine provides bright yellow flowers in early spring. |
| Trumpet Honeysuckle | <i>Lonicera sempervirens</i> | 10-20'x 10-20' | Sun | SPR | Flowers are not fragrant. Tolerates some shade but blooms more prolifically in full sun. |
| Virginia Creeper | <i>Parthenocissus quinquefolia</i> | 30-50'x 30-50' | Sun | FALL | Vigorous vine and easily grown. Red fall color and showy fruit. |
| Boston Ivy | <i>Parthenocissus tricuspidata</i> | 30-50'x 30-50' | Full sun to partial shade | FALL | Turns scarlet in the fall. Will clasp onto structures such as brick and concrete walls. |
| Climbing Roses | <i>Rosa</i> spp. | 20'x20' | Sun | SPR | Needs good air circulation to prevent disease. |
| American Wisteria | <i>Wisteria frutescens</i> | 15'x15' | Sun | SPR | The bean-like seed pods can be showy and very numerous. |

GROUND COVER

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|------------------|-------------------------------|---------------|---------------------------|------|--|
| Bugleweed | <i>Ajuga reptans</i> | 6-8"x 6-12" | Sun | SPR | Plants may be mowed after blooming in order to remove spent flower spikes and to tidy their appearance. Plants have blue flowers. |
| Winecup | <i>Callirhoe involucrata</i> | 6-12"x 12-36" | Sun | SUM | Fits well into both formal garden areas as well as wild/naturalized areas. White flowering form available. |
| Creeping Juniper | <i>Juniperus horizontalis</i> | 8"x24" | Sun | ALL | Some cultivars will turn purple in the winter. |
| Lilyturf | <i>Liriope</i> spp. | 6"x varies | Full sun to partial shade | SUM | Mow in the early spring to remove old growth. |
| Creeping Phlox | <i>Phlox stolonifera</i> | 6"x12" | Full sun to partial shade | SPR | Works well in rock gardens. White and pink flowering varieties also available. |
| Rose Moss | <i>Portulaca grandiflora</i> | 6"x12" | Sun | SUM | Not hardy but may self-seed the following year. Various colors available. Some varieties have flowers that remain open all day. |
| Wingpod Purslane | <i>Portulaca umbraticola</i> | 6"x9-12" | Sun | SUM | This plant is attractive to bees, butterflies, and birds. Good selection for trailing container plant or hanging basket. Various colors available. |
| Sedum | <i>Sedum</i> spp. | 4-6"x varies | Full sun to partial shade | FALL | Approximately 400 species. Growing requirements differ between species in terms of cold hardiness and heat tolerance. Works for green roofs. |

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| Creeping Thyme | <i>Thymus serpyllum</i> | 1"x12" | Sun | ALL | Very low growing, flowers in late spring and early summer. Aromatic foliage. |
| Dwarf Periwinkle | <i>Vinca minor</i> | 4-6"x12" | Full sun to partial shade | ALL | Mowing the patch low after blooming every couple of years will help to keep it thick and weed resistant. Semi-evergreen foliage. |
| SHRUBS | | | | | |
| Compact Coral Barberry | <i>Berberis x stenophylla</i> 'Corallina Compacta' | 36"x48" | Sun | SUM | Low-growing, compact plant. Good choice for a low hedge or used as an accent in larger planting beds. |
| American Beautyberry | <i>Callicarpa americana</i> | 4-6'x4-6' | Full sun to partial shade | WIN | Fruits provide fall to early winter beauty. |
| Blue Mist Spirea | <i>Caryopteris x clandonensis</i> | 24"x36" | Sun | SUM | Attracts bees and hummingbirds. True blue flowers all summer long. |
| Roughleaf Dogwood | <i>Cornus drummodii</i> | 5-18'x25' | Shade | SPR | This is a very adaptable plant and is found in nature in a variety of wet to dry situations, but best in wet soils |
| Redtwig Dogwood | <i>Cornus sericea</i> | 3-6'x3-6' | Full sun to partial shade | ALL | Bright red stems in the winter are particularly showy. |
| Smoke Tree | <i>Cotinus coggygia</i> | 10'x10' | Sun | SUM | Tiny flowers in large fuzzy clusters give the plant a smoky appearance. Plants are available in various summer leaf colors. |
| Bearberry Cotoneaster | <i>Cotoneaster dammeri</i> | 24"x48" | Sun | FALL | Slow growing evergreen. Effective in rock gardens or as groundcover. Fall foliage has a purple tone that is complimented by small red berries. |
| Rose of Sharon | <i>Hibiscus syracus</i> | 12'x8' | Sun | SUM | Works well as a border or screen, yearly pruning in early spring will improve flowering. Sterile selections are available to prevent re-seeding. |
| Deciduous Holly | <i>Ilex decidua</i> | 8'x6' | Sun | WIN | Red berries on female plants in late summer. Plants also available with orange or yellow fruits. |
| Yaupon Holly | <i>Ilex vomitoria</i> | Varies x Varies | Sun | WIN | Very durable and adaptable, needs to be pruned two or three times a year to maintain a neat appearance. Available in dwarf and weeping varieties. |
| Winter Jasmine | <i>Jasminum nudiflorum</i> | 6'x8' | Sun | WIN | Great covering for steep slopes, spilling over a wall or planted in groups. Starts blooming during cold weather before the new year. |
| Juniper | <i>Juniperus</i> spp. | Varies x Varies | Sun | ALL | Very hardy, many different cultivars available ranging in size, shape and color. |
| Japanese Kerria | <i>Kerria japonica</i> | 4'x5' | Full sun to partial shade | ALL | Species blooms well and is more drought resistant in partial shade. Single flowered varieties also available. |
| Crapemyrtle | <i>Lagerstroemia indica</i> | Varies x Varies | Sun | ALL | Available in a wide range of heights and flower color, severe pruning can stimulate basal sprouting which may be a nuisance. |
| Nandina | <i>Nandina domestica</i> | Varies x Varies | Sun | ALL | Low maintenance shrub, prune once a year in the winter to keep it from looking leggy. Many different selections are commercially available. |
| Ninebark | <i>Physocarpus opulifolius</i> | 6'x5' | Full sun to partial shade | SPR | Exfoliating bark provides some winter interest. Several cultivars have striking reddish, purple foliage. |
| Mugo Pine | <i>Pinus mugo</i> | 3-20'x 3-12' | Sun | WIN | Slow growing. Can be yellowish-green in winter. Dwarf varieties available. |
| Fragrant Sumac | <i>Rhus aromatica</i> | 5'x4' | Sun | ALL | Males and females are separate plants, fruit is only produced if a male plant is available. Dwarf selections available. |
| Cutleaf Staghorn Sumac | <i>Rhus typhina</i> | 10'x12' | Sun | FALL | Spreads by root suckers, creating a colony. Exceptional fall color. |
| Shrub Roses | <i>Rosa</i> spp. | 6'x6' | Sun | SUM | Several varieties and cultivars available ranging in bloom color, size, and disease resistance. Very few thornless options are available. |
| Koreanspice Viburnum | <i>Viburnum carlesii</i> | 4-6'x4-6' | Full sun to partial shade | SPR | Slow-growing, symmetrically rounded shrub. Very fragrant flowers that give way to non-showy dark blue berries in late summer. |

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|-------------|--------------------------|---------|-----|-----|---|
| Chaste Tree | <i>Vitex agnuscastus</i> | 10'x15' | Sun | SUM | Flowers attract bees. Flowers appear on new growth. Can be pruned to the ground in early spring and maintained as a herbaceous perennial. |
|-------------|--------------------------|---------|-----|-----|---|

TREES

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|-----------------------|---|-----------------|---------------------------|------|---|
| Red Maple | <i>Acer rubrum</i> | 60'x40' | Full sun to partial shade | FALL | Its rapid growth and red fall color makes Red Maple a popular shade tree. |
| Caddo Sugar Maple | <i>Acer saccharum</i> Caddo | 50-60'x 20-35' | Sun | FALL | Very drought tolerant, sensitive to over watering. Attractive fall color. |
| Shantung Maple | <i>Acer truncatum</i> | 20'x25' | Sun | ALL | Excellent small tree for urban areas. New leaves emerge in red and purple hues throughout the growing season. |
| Chittamwood | <i>Bumelia lanuginosa</i> | 40-50'x 25-35' | Sun | ALL | Young plants often require training to create a tree-like form. |
| Sugarberry | <i>Celtis laevigata</i> | 50-70'x 50-60' | Sun | ALL | Small berries attract birds; bark is thin and easily damaged by mechanical impact. |
| Common Hackberry | <i>Celtis occidentalis</i> | 40-80'x 40-50' | Sun | SPR | Can develop galls on leaves. Bark is very coarse in texture and resembles small warts or ridges of cork-like layers. |
| Oklahoma Redbud | <i>Cercis canadensis</i> var <i>texensis</i> 'Oklahoma' | 20-30'x 25-35' | Sun | SUM | A cultivar of Oklahoma's state tree. Best known for its pink to purple blooms that occur in early spring. |
| Desert Willow | <i>Chilopsis linearis</i> | 20-30'x 15-25' | Sun | ALL | Works well as a wide screen. Does not tolerate over watering. |
| Arizona Cypress | <i>Hesperocyparis arizonica</i> | 40'x30' | Sun | SUM | Pyramidal in form resembling a Juniper. Foliage is bluish-gray. Works very well as a screen or windbreak. Attractive cones and showy bark. |
| Winterberry Euonymus | <i>Euonymus bungeanus</i> | 20-24'x 15-18' | Sun | WIN | Can be grown as a tree or shrub, depending on pruning. Good tolerance for urban conditions. |
| Green Ash | <i>Fraxinus pennsylvanica</i> | 60'x40' | Sun | FALL | Deep-green summer foliage turns yellow in fall. |
| Ginkgo | <i>Ginkgo biloba</i> | 30-50'x 30-50' | Sun | ALL | Select male trees, female fruit may be messy. Rich yellow fall color. |
| Thornless Honeylocust | <i>Gleditsia triacanthos</i> var <i>inermis</i> | 30-50'x 30-50' | Sun | SUM | Tolerant of small planting pits in concrete, making it a good choice for urban environments or as a street tree. |
| Kentucky Coffee Tree | <i>Gymnocladus dioica</i> | 60-75'x 40-50' | Sun | ALL | Grows slowly, female trees produce pods. Male (seedless) selections are commercially available. |
| Golden-Rain Tree | <i>Koelreuteria paniculata</i> | 25-40'x 25-40' | Sun | ALL | Produces small yellow flowers. Flowers give way to yellowish-brown seed pods that resemble small lanterns. |
| Osage Orange | <i>Maclura pomifera</i> | 40-60'x 40-60' | Sun | ALL | Produces large, grapefruit-sized fruit which can be a problem in residential areas, but there are male thornless, fruitless cultivars. |
| Crabapple | <i>Malus</i> 'Prairefire' | 15-25'x 20-25' | Sun | ALL | Hundreds of cultivars available with various colored fruit and growth habits. Look for disease resistant cultivars. |
| Persian Parrotia | <i>Parrotia persica</i> | 20-40'x 20-35' | Sun | ALL | Yellow, red, or orange fall color. Exfoliating bark adds interesting color and texture. Partial shade may also be desirable. |
| Japanese Red Pine | <i>Pinus densiflora</i> | 20-30'x 20-25' | Sun | ALL | Fairly open growth, often has a crooked trunk. Showy orange to red bark/limbs. |
| Shortleaf Pine | <i>Pinus echinata</i> | 50'x30' | Full sun to partial shade | ALL | This is the hardiest and most adaptable of the southern pines. |
| Pinyon Pine | <i>Pinus edulis</i> | 20-30'x 20-30' | Sun | ALL | Does not tolerate shade or over watering. Tolerant of poor soil conditions. Seeds are as pine nuts and edible. Performs best in Western OK. |
| Ponderosa Pine | <i>Pinus ponderosa</i> | 70-80'x 70-80' | Sun | ALL | Very tall and broad, may not be suitable for residential areas. |
| Loblolly Pine | <i>Pinus taeda</i> | 60-100'x 30-50' | Sun | ALL | Excellent pine that tolerates Oklahoma's adverse conditions, including poorly drained soils and drought. |
| Chinese Pistache | <i>Pistacia chinensis</i> | 25-35'x 25-35' | Sun | FALL | Bright red, yellow or orange fall color. Female trees have red to blue berry-like fruits that appear in fall. |
| Mexican Plum | <i>Prunus mexicana</i> | 20'x15' | Sun | ALL | This plant attracts bees, butterflies, and birds and is drought-tolerant. Has white blooms and edible fruits. |

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|---------------------|--|----------------|-----|------|--|
| Sawtooth Oak | <i>Quercus acutissima</i> | 35-45'x 35-50' | Sun | FALL | Foliage has a serrated edge, giving reason for its descriptive common name. |
| Bur Oak | <i>Quercus macrocarpa</i> | 60-80'x 70-80' | Sun | ALL | Very slow growing. Foliage remains on the tree late into the fall after leaves have turned. |
| Chinkapin Oak | <i>Quercus muehlenburgii</i> | 40-60'x 50-60' | Sun | SPR | Acorns very desirable to wildlife. Underutilized shade tree. |
| Shumard Oak | <i>Quercus shumardii</i> | 40-60'x 40-60' | Sun | SUM | Requires less maintenance than some other oak trees. More resistant to yellow foliage (chlorosis) than Pin Oak. |
| Sassafras | <i>Sassafras albidum</i> | 45'x30' | Sun | SUM | If root suckers are not removed, tree will spread and look like a large shrub. Interesting leaf shapes and striking fall color. Best for Eastern OK. |
| Western Soapberry | <i>Sapindus saponaria</i> var. <i>drummondii</i> | 40-50'x 30-40' | Sun | SUM | Has a yellow fruit that matures in mid-fall. Showy bark and yellow fall color. |
| Japanese Tree Lilac | <i>Syringa reticulata</i> | 15-25'x 15-25' | Sun | SUM | Produces large white flowers, has showy bark. |
| Bald Cypress | <i>Taxodium distichum</i> | 50-75'x 50-75' | Sun | ALL | Not an evergreen, needles fall off in the fall. Grows very well in wet soils or near water. Dwarf selection available. |
| Cedar Elm | <i>Ulmus crassifolia</i> | 50-70'x 30-40' | Sun | SUM | Withstands heavy, poorly drained soils. Dark foliage and "winged" branches add to ornamental appeal. |
| Lacebark Elm | <i>Ulmus parvifolia</i> | 50-70'x 50-60' | Sun | ALL | Exfoliating bark is a noteworthy feature of this tree. Tree has small, refined leaves. |

TURFGRASSES

| Common Name | Scientific Name | Mowing height | Light Requirement | Season of Interest | Comments |
|----------------|--|---------------|---------------------------|--------------------|--|
| Buffalograss | <i>Bouteloua dactyloides</i> | 3" | Sun | SUM | Warm-season grass, drought resistant. May be hard to establish in areas formerly bermudagrass. See CR-6609. |
| Common Bermuda | <i>Cynodon dactylon</i> | 1-2" | Sun | SUM | Warm-season grass, drought resistant, common cultivars- 'Yukon' and 'Riviera' For more information see HLA-6419. |
| Hybrid Bermuda | <i>Cynodon dactylon</i> x <i>C. transvaalensis</i> | 1-2" | Sun | SUM | Warm-season grass, drought resistant, cultivars- Latitude 36', 'Northbridge', and 'Patriot'. See HLA-6419. |
| Tall Fescue | <i>Festuca arundinacea</i> | 3" | Shade | FALL | Cool-season grass, best suited for shaded areas where bermudagrass or buffalograss won't grow. See HLA-6419 |
| Zoysiagrass | <i>Zoysia</i> spp. | 1-2" | Full sun to partial shade | SUM | Warm-season, similar maintenance to bermudagrass, but is slower growing and requires more water. See HLA-6419 |

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