


Plant Database – Turf

Cool Season Turf by Scientific Name



Scientific Name	Common Name	Comments
Festuca arundinacea 	Tall Fescue	<ul style="list-style-type: none"> • Nitrogen requirement: medium • Shade tolerance: good • Water requirement: good, but takes a lot of water in summer to keep active • Mowing height: 2 to 3" • Establishment: sod or seed • Cultivars: 'K-31' common, but many better improved types available such as 'Rebel', 'Rendition' • Cold hardiness: statewide



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Warm Season Turf by Scientific Name

Scientific Name	Common Name	Comments
<p>Cynodon dactylon</p> 	Bermudagrass	<ul style="list-style-type: none"> • Warm season grass; #1 or #2 most popular warm season lawn grass in Arkansas • Shade tolerance: low • Nitrogen requirement: high • Mowing height: 1/2 to 1.5" depending on cultivar • Drought tolerant • Establish: typically sod or plugs; new varieties from seed ('Riviera', 'Yukon') • Cultivars: 'Tifway' ('419') • Cold hardiness: statewide
<p>Eremochloa ophiuroides</p> 	Centipedegrass	<ul style="list-style-type: none"> • Warm season grass • Shade tolerance: fair (more than bermudagrass; less than St. Augustine and zoysiagrass) • Nitrogen requirement: low (less than 2 pounds per year) • Mowing height: 1 to 2" • Requires more moisture than bermudagrass • Establish: typically sod or plugs; seed available • Cold hardiness: central and south Arkansas

<p>Stenotaphrum secundatum</p> 	<p>St. Augustinegrass</p>	<ul style="list-style-type: none"> • Warm season grass; not very common • Shade tolerance: best of the warm season grasses • Nitrogen requirement: medium to high • Mowing height: 2 to 3" • Water requirement: high • Establish: mainly sod • Cold hardiness: southern Arkansas
<p>Zoysia sp.</p> 	<p>Zoysia</p>	<ul style="list-style-type: none"> • Warm season grass; very popular lawn turf in new construction • Shade tolerance: fair (not as tolerant as St. Augustine but much better than bermudagrass) • Nitrogen requirement: very low • Mowing height: 1 to 2" depending on cultivar • Water requirement: low to medium • Establish: mainly sod; seed starting to appear • Cultivars: 'El Toro', 'Meyer', 'Emerald' • Cold hardiness: statewide

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