

Adaptation and Establishment

Turfgrass	Adaption		Resistance To ¹				
	State	Site	Heat	Winter-Kill	Wilting from drought	Shade	Wear
WARM-SEASON TURFGRASSES							
Bermudagrass							
Arizona common* Guymon U-3	Statewide	Full Sun	Excellent	Marginal-Favorable	Excellent	Poor	Good
Sunturf Tifgreen Tifway	Statewide	Full Sun	Excellent	Marginal	Good	Poor	Excellent
Buffalograss	Western	Full Sun	Excellent	Excellent	Excellent	Poor	Marginal
St. Augustinegrass (common)	Extreme Southeastern	Full Sun to light shade	Excellent	Poor	Good	Marginal	Favorable
Zoysiagrass (Meyer)	Eastern	Full Sun to light shade	Excellent	Favorable	Good	Marginal	Excellent
COOL-SEASON TURFGRASSES							
Kentucky Bluegrass	Northern	**	Marginal	Excellent	Poor	Favorable	Marginal
Perennial Ryegrass	Northern	**	Marginal	Good	Poor	Favorable	Marginal
Tall fescue	Statewide	**	Good	Good	Favorable	Good	Favorable

* Arizona common has poor tolerance to winterkill the year it is seeded.

** Recommended for sites that are shaded or irrigated.

1. Tolerance ranking is: Excellent > Good > Favorable > Marginal > Poor.

2. Maintenance Requirements: H = High; M= Medium; L = Low; N= None.

3. PLS = Pure Live seed = (percent pure seed) X (percent germination).

4. Generally, 1 square yard of bermudagrass sod (9ft.²) equals 1,000 1-inch plugs, or 1,000 to 2,000 sprigs, or approximately one bushel of sprigs.

of Turfgrasses in Oklahoma

Maintenance Requirements ²				Establishment		
Culture Intensity	Cutting Height (in)	Irrigation Requirements	Dethatching Needs	Method	Time	Rate/1000 ft. ²
M	1.0-1.5	L	M-H	Seed Vegetable	May 1 May-July	1 lb. PLS ³ (hulled) 30-50ft. ² sod for plugging 2-in plugs on 6 to 12-in. centers 3-10 bu. sprigs for sprigging. ⁴
				Vegetable	May-July	30-50ft. ² sod for plugging 2-in plugs on 6 to 12-in. centers 3-10 bu. sprigs for sprigging. ⁴
H	0.5-1.0	M	H	Seed	May-July	2 lb. PLS ³ (processed)
L	1.0-3.0	L	N	Vegetable	May-July	60-100 ft. ² sod for plugging 2-in. plugs on 6-in. centers
M	2.5-3.0	M	M-H	Vegetable	May-July	30-50ft. ² sod for plugging 2-in plugs on 6 to 12-in. centers 3-10 bu. sprigs for sprigging. ⁴
H	0.5-1.0	M	H	Vegetable	May-July	50 ft. ² sod for plugging 2-in plugs on 6 in. centers 3-10 bu. sprigs for sprigging. ⁴
M-H	1.5-2.5	H	M	Seed	Sept-Oct	1-3 lb. PLS
M-H	1.5-2.5	H	N	Seed	Sept-Oct	4-8 lb. PLS, 10-40 lb. PLS for overseeding
M-H	2.5-3.0	M-H	N	Seed	Sept-Oct	5-7 lb. PLS