



Potassium Soil Fertility Recommendations for Texas Turf and Landscapes

updated on 3-30-2012: soiltesting.tamu.edu

GOLF GREENS (lbs K₂O/1000 sqft)

LANDSCAPE (LAWN , TREES , SHRUBS , OR GROUND COVER) (lbs K₂O/1000 sqft)

SODGRASS PRODUCTION

TURF FAIRWAYS , ATHLETIC FIELDS , ETC.

Soil, Water and Forage Testing Laboratory

Potassium recommendations applicable for methods used by laboratory.

Mehlich III potassium by ICP only (ppm or mg/kg) in Soil

	0	10	20	30	40	45	50	55	60	70	80
	-----lbs K ₂ O/acre-----										
GOLF GREENS (lbs K ₂ O/1000 sqft)	4	3.7	3.5	3.3	3	2.9	2.8	2.7	2.6	2.4	2.1
LANDSCAPE (LAWN , TREES , SHRUBS , OR GROUND COVER) (lbs K ₂ O/1000 sqft)	4	3.7	3.5	3.3	3	2.9	2.8	2.7	2.6	2.4	2.1
SODGRASS PRODUCTION	160	145	130	120	105	100	95	85	80	70	55
TURF FAIRWAYS , ATHLETIC FIELDS , ETC.	150	140	130	120	110	105	100	95	90	80	70



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	90	100	110	120	130	135	140	150	160	170	175
	-----lbs K ₂ O/acre-----										
GOLF GREENS (lbs K ₂ O/1000 sqft)	1.9	1.7	1.4	1.2	1	0.9	0.8	0.5	0.3	0.1	0
LANDSCAPE (LAWN , TREES , SHRUBS , OR GROUND COVER) (lbs K ₂ O/1000 sqft)	1.9	1.7	1.4	1.2	1	0.9	0.8	0.5	0.3	0.1	0
SODGRASS PRODUCTION	40	30	15	5	0						
TURF FAIRWAYS , ATHLETIC FIELDS , ETC.	65	55	45	35	25	20	15	5	0		



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180 185 200 210 220 225 230

-----lbs K₂O/acre-----