



Potassium Soil Fertility Recommendations for Tree Production

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

CHRISTMAS TREES

PINE TREES (lbs K₂O/1000 sqft)

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-----										
CHRISTMAS TREES	80	70	65	60	50	50	45	40	40	35	25
PINE TREES (lbs K ₂ O/1000 sqft)	3	2.8	2.6	2.4	2.3	2.2	2.1	2	1.9	1.8	1.6



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	90	100	110	120	130	135	140	150	160	170	175
	-----lbs K ₂ O/acre-----										
CHRISTMAS TREES	20	15	5	0							
PINE TREES (lbs K ₂ O/1000 sqft)	1.4	1.2	1.1	0.9	0.7	0.6	0.6	0.4	0.2	0	