

**APPENDIX 2**

**Minimum Number of Trees Required Per Acre to Determine  
30 Square Feet of Tree Basal Area of 40%  
Stocking for Classification as Forest Land**

D.B.H. Range	D.B.H. in 2@ Classes	Basal Area Per Tree	Per Acre	Per 1/5 Acre	Per 1/10 Acre
up to 2.9@.....	Seedlings		400	80	40
3.0-4.9@.....	4	0.0873	400	80	40
5.0-6.9@.....Y.	6	0.1964	153	31	15
7.0-8.9@.....Y	8	0.3491	86	17	9
9.0-10.9@.....	10	0.5454	55	11	6
11.0-12.9@.....	12	0.7854	38	8	4
13.0-14.9@.....	14	1.0690	28	6	3
15.0@+.....	16+	1.3983	21	4	2

**NOTE:**

- (a) Area 1/5 acre, circle, diameter 105'4@; square 93.4@ per side
- (b) Area 1/10 acre; circle, diameter 74'6@; square 66'
- (c) Number of seedlings present may qualify on a percentage basis; Example, 100 seedlings would be equivalent of 7.5 square feet of basal area (25% x 30 = 7.5)
- (d) Seedlings per acre are based on total pine and hardwood stems. Where intensive pine management is practiced a minimum of 250 well distributed pine seedlings will qualify.