

Sample Plot Dimensions

<u>Plot Size</u>	<u>Plot Radius</u>
1 acre	117.8 ft.
1/2 acre	83.3 ft.
1/4 acre	58.9 ft.
1/5 acre	52.7 ft.
1/10 acre	37.2 ft.
1/20 acre	26.3 ft.
1/50 acre	16.7 ft.
1/250 acre	7.45 ft.
1/300 acre	6.8 ft.

Tree Spacing for Various Stocking Levels

<u>Trees per Acre</u>	<u>Spacing Between Trees</u>
681	8x8 ft.
538	9x9 ft.
436	10x10 ft.
400	10x11 ft.
360	11x11 ft.
302	12x12 ft.
250	13x13 ft.
222	14x14 ft.
194	15x15 ft.
170	16x16 ft.
151	17x17 ft.
135	18x18 ft.
121	19x19 ft.
109	20x20 ft.
70	25x25 ft.
48	30x30 ft.

Stocking/Spacing Guidelines for Wildlife and/or Timber Objectives

Avg. Leave Tree DBH (inches)	Wildlife Lower Limit RD25		Timber Lower Limit RD35		Wildlife Upper Limit RD45		Timber Upper Limit RD55	
	Trees/Acre (TPA)	Avg. Tree Spacing (feet)	TPA	Avg. Tree Spacing (feet)	TPA	Avg. Tree Spacing (feet)	TPA	Avg. Tree Spacing (feet)
6	312	11	437	10	561	8	686	8
7	248	13	347	11	446	9	545	8
8	203	14	284	12	365	10	446	10
9	170	16	238	13	306	11	373	10
10	145	17	203	14	261	12	319	11
11	126	18	176	15	226	13	276	12
12	110	19	154	16	198	14	243	13
13	98	21	137	17	176	15	215	14
14	88	22	123	18	158	16	193	15
15	79	23	110	19	142	17	174	15
16	72	24	100	20	129	18	158	16
17	65	25	92	21	118	19	144	17
18	60	26	84	22	108	20	132	18
19	55	28	77	23	100	20	122	18
20	51	29	72	24	92	21	113	19
21	48	30	67	25	86	22	105	20
22	44	31	62	26	80	23	98	21
23	42	32	58	27	75	24	91	21