

Section: Appendix A
Number of Trees per Acre and per Hectare by Various Tree Spacing Combinations

Trees				Spacing (meters)=	Trees per Hectare ^a	Spacing (ft and in) =	Trees per Acre ^b
Spacing (feet) =	per Acre	Spacing (meters) =	Trees per Hectare ^a				
1 x 1	43,560	0.3 x 0.3	107,637	0.1 x 0.1	1,000,000	4" x 4 "	405,000
2 x 2	10,890	0.6 x 0.6	26,909	0.23 x 0.23	189,035	9" x 9 "	76,559
2 x 4	5,445	0.6 x 1.2	13,455	0.3 x 0.3	107,593	1' x 1'	43,575
3 x 3	4,840	0.9 x 0.9	11,960	0.5 x 0.5	40,000	1'8" x 1'8"	16,200
4 x 4	2,722	1.2 x 1.2	6,726	0.5 x 1.0	20,000	1'8" x 3'3"	8,100
4 x 5	2,178	1.2 x 1.5	5,382	0.5 x 2.0	10,000	1'8" x 6'7"	4,050
4 x 6	1,815	1.2 x 1.8	4,485	0.75 x 0.75	17,778	2'6" x 2'6"	7,200
4 x 7	1,556	1.2 x 2.1	3,845	0.75 x 1.0	13,333	2'6" x 3'3"	5,400
4 x 8	1,361	1.2 x 2.4	3,363	0.75 x 1.5	8,889	2'5" x 4'11"	3,600
4 x 9	1,210	1.2 x 2.7	2,990	1.0 x 1.0	10,000	3'3" x 3'3"	4,050
4 x 10	1,089	1.2 x 3.0	2,691	1.0 x 1.5	6,667	3'3" x 4'11"	2,700
5 x 5	1,742	1.5 x 1.5	4,304	1.0 x 2.0	5,000	3'3" x 6'6"	2,025
5 x 6	1,452	1.5 x 1.8	3,588	1.0 x 3.0	3,333	3'3" x 9'10"	1,350
5 x 7	1,245	1.5 x 2.1	3,076	1.5 x 1.5	4,444	4'11"x4'11"	1,800
5 x 8	1,089	1.5 x 2.4	2,691	1.5 x 2.0	3,333	4'11"x 6'6"	1,350
5 x 9	968	1.5 x 2.7	2,392	1.5 x 3.0	2,222	4'11"x9'10"	900
5 x 10	871	1.5 x 3.0	2,152	2.0 x 2.0	2,500	6'6" x 6'6"	1,013
6 x 6	1,210	1.8 x 1.8	2,990	2.0 x 2.5	2,000	6'6" x 8'2"	810
6 x 7	1,037	1.8 x 2.1	2,562	2.0 x 3.0	1,667	6'6" x 9'10"	675
6 x 8	908	1.8 x 2.4	2,244	2.0 x 4.0	1,250	6'6" x 13'1"	506
6 x 9	807	1.8 x 2.7	1,994	2.5 x 2.5	1,600	8'2" x 8'2"	648
6 x 10	726	1.8 x 3.0	1,794	2.5 x 3.0	1,333	8'2" x 9'10"	540
6 x 12	605	1.8 x 3.7	1,495	3.0 x 3.0	1,111	9'10"x9'10"	450
7 x 7	889	2.1 x 2.1	2,197	3.0 x 4.0	833	9'10"x13'1"	337
7 x 8	778	2.1 x 2.4	1,922	3.0 x 5.0	666	9'10"x13'1"	270
7 x 9	691	2.1 x 2.7	1,707	4.0 x 4.0	625	13'1" x 13'1"	253
7 x 10	622	2.1 x 3.0	1,537	5.0 x 5.0	400	16'5" x 16'5'	162
7 x 12	519	3.1 x 3.7	1,282				
8 x 8	681	2.4 x 2.4	1,683				
8 x 9	605	2.4 x 2.7	1,495				
8 x 10	544	2.4 x 3.0	1,344				
8 x 12	454	2.4 x 3.7	1,122				
9 x 9	538	2.7 x 2.7	1,329				
9 x 10	484	2.7 x 3.0	1,196				
9 x 12	403	2.7 x 3.7	996				
10 x 10	436	3.0 x 3.0	1,077				
10 x 12	363	3.0 x 3.7	897				
10 x 15	290	3.0 x 4.5	717				
12 x 12	302	3.7 x 3.7	746				
12 x 15	242	3.7 x4.6	598				

^a The spacing is approximated to nearest centimeter but trees per hectare = trees per acre x 2.471

^b The spacing is approximated to nearest inch but trees per acre = trees per hectare x 0.405