

Tree Density Table

Wisconsin Job Sheet 627

Natural Resources Conservation Service (NRCS)

Wisconsin

Number of trees per acre at various spacings in feet:

Feet x Feet	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
4	2723	2178	1815	1556	1361	1210	1089	990	908	838	778	726	681	641	605
5	2178	1742	1452	1245	1089	968	871	792	726	670	622	581	545	512	484
6	1815	1452	1210	1037	908	807	726	660	605	558	519	484	454	427	403
7	1556	1245	1037	889	778	691	622	566	519	479	444	415	389	366	346
8	1361	1089	908	778	681	605	545	495	454	419	389	363	340	320	303
9	1210	968	807	691	605	538	484	440	403	372	346	323	303	285	269
10	1089	871	726	622	545	484	436	396	363	335	311	290	272	256	242
11	990	792	660	566	495	440	396	360	330	305	283	264	248	233	220
12	908	726	605	519	454	403	363	330	303	279	259	242	227	214	202
13	838	670	558	479	419	372	335	305	279	258	239	223	209	197	186
14	778	622	519	444	389	346	311	283	259	239	222	207	194	183	173
15	726	581	484	415	363	323	290	264	242	223	207	194	182	171	161
16	681	545	454	389	340	303	272	248	227	209	194	182	170	160	151
17	641	512	427	366	320	285	256	233	214	197	183	171	160	151	142
18	605	484	403	346	303	269	242	220	202	186	173	161	151	142	134

Use this chart to:

- determine planting spacing or the number of trees/acre for new trees.
- determine approximate tree densities of existing plantations.
- plan densities for tree thinning.