

Estimates of age for certain tree species with girth 2.5-5.0M

Girth M		2.5	3.0	3.5	4.0	4.5	5.0
Estimated age yrs.							
Most large trees	Growing in good conditions	98	118	138	157	177	197
	Growing in an avenue	153	184	215	245	276	307
	Growing in a wood	205	246	287	328	369	410
Coppiced trees	Oak, Lime, Ash, Hazel	270	320	370	430	480	530
	Field maple	220	270	310	360	400	450
	Sweet chestnut, Sycamore	110	130	160	180	200	220
English and Sessile Oak	Champion tree potential (ideal site conditions)	80	100	124	151	182	217
<i>Quercus robur</i>	Good site, open grown, sheltered	102	129	162	199	241	289
<i>Quercus petraea</i>	Average site, garden, parkland	115	143	177	216	260	310
	Poor ground and/or some exposure	133	166	204	248	298	354
	Woodland boundary pollard , or open wood	115	143	177	216	260	310
	Inside woodland	217	297	392	501	625	764
Ash	Good site , open grown, sheltered	89	117	150	188	232	281
<i>Fraxinus excelsior</i>	Average site, garden, parkland	106	137	174	217	265	319
	Woodland boundary pollard or open wood	172	244	328	425	536	659
	Inside woodland	138	177	223	276	336	403
Austrian Pine	Champion tree potential (ideal site)	67	83	102	124	149	178
<i>Pinus nigra ssp nigra</i>	Good site, open grown, sheltered	80	100	124	151	182	217
	Average site, garden, parkland	80	100	124	151	182	217
	Poor ground or some exposure	83	106	134	166	202	243
Black Mulberry	Good site, open grown, sheltered	242	340	456	590	741	910
<i>Morus nigra</i>	Average site, garden, parkland	313	444	599	778	981	1207
Common Lime	Champion tree potential (ideal site)	82	96	112	131	153	177
<i>Tilia X europaea</i>	Good site, open grown, Sheltered	80	97	118	142	169	199
	Average site, garden, parkland	80	100	124	151	182	217
	Churchyard	80	97	118	142	169	199
Deodar Cedar	Champion tree potential (ideal site)	51	65	81	100	121	145
<i>Cedrus deodara</i>	Good site open grown, sheltered	57	72	89	108	130	155
	Average site, garden, parkland	69	89	112	138	169	202
Holly	Inside woodland	113	149	193	243	299	362
<i>Ilex aquifolium</i>							
Horse Chestnut							
Aesculus hippocastanum	Good site, open grown, sheltered	89	117	150	188	232	281
	Average site, garden, parkland	100	135	177	225	279	340
Plane	Champion tree potential	72	82	93	106	121	138
<i>Platanus Spp</i>	Good site, open grown, Sheltered	67	83	102	124	149	178
	Average site, garden, parkland	80	100	124	151	182	217
	Churchyard	80	100	124	151	182	217
Red Oak	Champion tree potential (ideal site)	67	83	102	124	149	178
Quercus rubra	Good site, open grown, sheltered	80	100	124	151	182	217
	Average site, garden, parkland	102	129	162	199	241	289
Sweet chestnut	Good site, open grown, sheltered	80	100	124	151	182	217
<i>Castanea sativa</i>	Average site, garden, parkland	83	106	134	166	202	243
	poor ground, and/ or some exposure	100	135	177	225	279	340
Sycamore	Good site, open grown, sheltered	67	80	94	111	129	150
<i>Acer pseudoplatanus</i>	Average site, garden, parkland	67	83	102	124	149	178
	churchyard	67	83	102	124	149	178
	Poor ground and/or some exposure	83	106	134	166	202	243
Yew	Average site, garden, parkland	113	149	193	243	299	362
<i>Taxus spp</i>	Churchyard	189	260	344	440	550	673
	Poor ground and/or some exposure	242	340	456	590	741	

Ref – Alan Mitchell (1974) A field guide to the Trees of Britain and Northern Europe pub Collins ISBN 0 00 212035 6 –

John White (1998) Estimating the Age of Large and veteran trees in Britain Information Note 12 pub Forestry Commission 129