

Tree Growth Rates

Common Name	Botanical Name	Specimen DBH	Life Span	Average Height	Growth Rate Per Year
Turkey Oak	(Quercus leavis)	12 inches and larger	100	30'	.46 DBH
Laurel Oak	(Quercus laurifolia)	18 inches and larger	70	80'	1'-2'
Laurel Oak	(Quercus hemisphaerica)	18 inches and larger	90	80'	1'-2'
Water Oak	(Quercus nigra)	18 inches and larger	50	80'	1'-2'
Sand live oak	(Quercus geminate)	18 inches and larger	250-500+	50'	1'-2'
Maple	(Acer spp.)	18 inches and larger	150	60'	1'-2'
Sweet Gum	(Liquidambar styraciflua)	18 inches and larger	150	60'	1'-2'
Hickory	(Carya spp.)	18 inches and larger	250+	65'	1'
Elm	(Ulmus spp.)	18 inches and larger	175	60'	2'
Loblolly Bay	(Gordonia lasianthus)	12 inches and larger	100	35'	1'
Sweet Bay	(Magnolia virginiana)	12 inches and larger	80	40'	1'-2'
Red Bay	(Persea borbonia)	12 inches and larger	?	40'	1'
Swamp Bay	(Persea palustris)	12 inches and larger	?	40'	1'
Sycamore	(Platanus occidentalis)	18 inches and larger	250+	100'	2'
Magnolia	(Magnolia grandiflora)	12 inches and larger	100+	80'	1'-2'
Bald Cypress	(Taxodium distichum)	18 inches and larger, historic 36 and larger	600+	120'	.53 DBH
Red Cedar	(Juniperup silicicola)	12 inches and larger	150+	50'	1'-2'
Live Oak	Quercus virginiana	18 inches and larger, historic 36 and larger	250-500+	60'	.75 DBH
Longleaf Pine	Pinus palustris	NA	250-500+	80'	.65 DBH

Sources: USDA, FNPS, Arbor Day Foundation, University of Georgia, University of Florida, Clemson University and Auburn University.