

Species and Mature Canopy Area Table

Approved Replacement Species (Cultivars of Listed Trees are also Acceptable)	Average Crown Spread (with 20% Adjustment Factor)	Corresponding Mature Crown Area (sq. ft.)	Canopy Size Category
<i>Deciduous Tree Species</i>			
Acer campestre (Hedge Maple)	20	314	Small
Acer freemanii (Freeman Maple)	32	804	Medium
Acer miyabei (State Street Maple)	32	804	Medium
Acer nigrum (Black Maple)	40	1256	Large
Acer saccharum (Sugar Maple)	40	1256	Large
Aesculus flava (Yellow Buckeye)	40	1256	Large
Aesculus glabra (Ohio Buckeye)	28	615	Small
Amaelanchier spp.	16	201	Small
Betula nigra (River Birch)	32	804	Medium
Carpinus caroliniana (American Hornbeam)	24	452	Small
Carva ovata (Shagbark Hickory)	40	1256	Large
Catalpa spp (Catalpa)	36	1017	Large
Celtis occidentalis (Hackberry)	48	1808.64	Large
Cercidiphyllum japonicum (Katsuratree)	30	707	Small
Cercis canadensis (Eastern Redbud)	24	452.16	Small
Cornus alternifolia (Pagoda Dogwood)	16	2001	Small
Crataegus phaenopyrum (Thornless Washington Hawthorn)	20	314	Small
Fagus grandifolia (American Beech)	48	1808	Large
Fagus sylvatica (European Beech)	36	1017	Medium
Hamamelis virginiana, vernalis (Witchhazel)	12	113	Small
Glenditsia triacanthos Var. inermis (Thornless Honeylocust)	56	2462	Large
Ginkgo biloba (Ginkgos male)	32	803.84	Medium
Gymnocladus dioicus (Kentucky Coffeetree)	40	1256	Large
Juglans nigra (Black Walnut)	40	1256	Large
Liriodendron tulipifera (Tuliptree)	40	1256	Large
Malus species (Crabapple varieties)	24	452	Small
Metasequoia glyptostroboides (Dawn Redwood)	24	452	Small
Nyssa sylvatica (Black Tupelo)	16	201	Small
Ostrya virginiana (Ironwood)	24	452	Small
Platanus acerifolia (London Planetree)	48	1809	Large
Pyrus calleryana (Callery Pear)	24	452.16	Small
Quercus acutissima (Sawtooth Oak)	32	804	Medium
Quercus bicolor (Swamp White Oak)	48	1809	Large
Quercus coccinea (Scarlet Oak)	40	1256	Large
Quercus ellipsoidalis (Hills Oak)	56	2462	Large
Quercus imbricaria (Shingle Oak)	48	1809	Large
Quercus macrocarpa (Burr Oak)	64	3215	Large
Quercus muehlenbergii (Chinquapin Oak)	40	1256	Large
Quercus rubra (Red Oak)	60	2826	Large
Taxodium distichum (Bald Cypress)	24	452	Small
Tilia americana (American Linden)	40	1256	Large
Tilia cordata (Little Leaf Linden)	36	1017	Medium
Tilia tomentosa (Silver Linden)	36	1017	Medium
Ulmus spp. (hybrid Elm)	42	1385	Large
<i>Non-Deciduous Trees</i>			
Abies balsamea (Balsam Fir)	24	452	Small
Abies concolor (White Fir)	24	452	Small
Juniperus virginiana	10	79	Small
Picea abies (Norway Spruce)	24	452	Small
Picea pungens glauca (Colorado Blue Spruce)	16	201	Small
Pinus nigra (Austrian Pine)	32	804	Medium
Pinus strobus (Eastern White Pine)	32	804	Medium
Pinus Sylvestris (Scotch Pine)	32	804	Medium
Pseudotsuga menziesii (Douglas Fir)	16	201	Small
Thuja occidentalis (Arborvitae)	10	79	Small