



## Approved Shade Tree List

**For meeting requirements of Chapter 55-6, Tree Canopy Conservation - February 5, 2014**

	Common Name	Botanical Name	Typical Height & Width at Maturity	Soil Moisture Tolerances
1	American beech	<i>Fagus grandifolia</i>	100 x 75 ft	F, M
2	American elm	<i>Ulmus americana</i>	70 x 50 ft	F, M
3	American linden	<i>Tilia americana</i>	60 x 30 ft	F, M
4	Bald cypress	<i>Taxodium distichum</i>	75 x 40 ft	W, F, M, D
5	Black gum	<i>Nyssa sylvatica</i>	60 x 35 ft	M
6	Bur oak	<i>Quercus macrocarpa</i>	70 x 50 ft	M
7	Chestnut oak	<i>Quercus prinus</i>	75 x 50 ft	M, D
8	Cucumber tree	<i>Magnolia acuminata</i>	65 x 40 ft.	W, F
9	Hackberry	<i>Celtis occidentalis</i>	60 x 60 ft	F, M, D
10	Loblolly pine	<i>Pinus taeda</i>	70 x 40 ft	, F, M
11	Northern red oak	<i>Quercus rubra</i>	90 x 75 ft	M
12	Pin oak	<i>Quercus palustris</i>	90 x 40 ft	F, M
13	River birch	<i>Betula nigra</i>	60 x 40 ft	W, F, M
14	Scarlet oak	<i>Quercus coccinea</i>	75 x 50 ft	M, D
15	Shingle oak	<i>Quercus imbricaria</i>	60 x 60 ft	F, M
16	Shumard oak	<i>Quercus shumardii</i>	55 x 40 ft	F, M, D
17	Southern magnolia	<i>Magnolia grandifolia</i>	50 x 25 ft	F, M
18	Sugar maple	<i>Acer saccharum</i>	70 x 45 ft	F, M
19	Swamp chestnut oak	<i>Quercus michauxii</i>	70 x 50 ft	W, F, M
20	Swamp white oak	<i>Quercus bicolor</i>	60 x 60 ft	W, F, M, D
21	Sweetgum	<i>Liquidambar styraciflua</i>	75 x 50 ft	F, M
22	Sycamore	<i>Platanus occidentalis</i>	100 x 100 ft	F, M
23	Thornless honeylocust	<i>Gleditsia triacanthos inermis</i>	50 x 40 ft	F, M, D
24	Tulip poplar	<i>Liriodendron tulipifera</i>	100 x 50 ft	F, M
25	Virginia pine	<i>Pinus virginiana</i>	50 x 30 ft	M, D
26	White oak	<i>Quercus alba</i>	80 x 100	F, M, D
27	Willow oak	<i>Quercus phellos</i>	60 x 45 ft	F, M, D

Notes: Chapter 55 defines a "shade tree" as "a tree of large stature that is capable of growing to heights greater than 50 feet." Additional species can be considered for use as shade trees but must meet standards for structural integrity, health and biodiversity set by the Dept of Permitting Services.

**Soil Moisture Tolerance Key:**

- W = Soil remains wet throughout year, usually due to poor drainage
- F = Soil is well drained, but remains moist due to frequent saturation
- M = Soil contains moderate levels of moisture throughout year
- D = Soil remains dry for long periods