



Botanical name:
Quercus bicolor

Common name:
Swamp White Oak

Origin:
A lowland tree from the north-central and north-eastern regions of North America. Habitats and vegetation associations can vary however, generally found on hydromorphic soils. Annual rainfall can also vary from 640mm to 1270mm. Temperatures can also vary from -34 to 41 degrees celsius.

Typical height:
15-20 metres

Typical width:
12-18 metres

Growth rate:
Moderate to fast

Typical form:
Medium sized deciduous tree. Wide spreading, broad domed canopy.

Characteristics:
Leaves simple, large, dark-green glossy above, paler, generally glaucous below, with 5-7 shallow lobes on each margin. Foliage turns yellow-brown, sometime reddish in autumn. Bark a grey and furrowed with age. Acorns 2-3 (similar to English Oak) on long stalk; not known as a litter drop problem.

Site requirements:
Adapts to most soils (clay; loam; sand); not alkaline (pH >5.9), , showing severe chlorosis



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on alkaline soils. They tolerate soil compaction, drought and some salt exposure.

Moderate drought tolerance and has high frost tolerance.

Notes:

Swamp White Oak are very long-lived, surviving for more than 300 years. Very low flammability.

