

Quercus bicolor

(Swamp White Oak)



Notes

A handsome moderate sized tree, that can adapt to a range of growing conditions. Fast growing and long-lived broad-domed tree

Above: Grey-fissured bark



Left: Swamp White Oak in street showing excellent shade qualities.

Origin	A lowland tree from the north-central and northeastern 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°C to 41°C.
Habit:	Medium sized deciduous tree. Wide spreading, broad domed canopy. Moderate to fast growth rate, mature size ranges between 20-25m high x 15-25m wide.
Description:	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.
Tolerances:	Adapts to most soils; not alkaline (pH >5.9). High waterlogging (can withstand periods of inundation) and low oxygen tolerance. Tree can withstand periods of drought. Not seriously affected by pest or disease.
Root space:	Based on mature size, the tree would require approximately 315 to 490m ² area or 190 to 295m ³ root volume (crown projection method).
Availability:	Uncommon.
Uses & management:	Urban landscapes, parks and streets. Long-lived, moderate sized tree with ornamental characteristics and good tolerances suggest that this oak should be more widely used in urban landscapes. Easy to transplant. Low litter problem.

SPECIES DESCRIPTION SHEET

Featured Tree© Tree Logic Pty Ltd 2010

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