

**Scientific Name:** *Quercus bicolor*  
**Common Name:** Swamp White Oak  
**Environmental Conditions:**  
**Hardiness Zone:** 4a  
**Soil Moisture:**

VERY WET			VERY DRY								
occasionally saturated or very wet soil			consistently moist, well drained soil			occasional periods of dry soil			prolonged periods of dry soil		
	2	3	4	5	6	7	8	9	10	11	12

**Sun/Shade:** full sun  
**Salt:** unknown  
**pH:** ≤ 7.5 (variable susceptibility to iron chlorosis in high pH soils)  
**Insect/Disease Factors:** none serious or limiting  
**Growth Characteristics:**  
**Height:** 50'-60'  
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**Form/Habit:** broad, rounded, open, typically has shorter trunk  
**Rate:** slow  
**Ornamental Characteristics:**  
**Flower:** catkins, spring  
**Fruit:** acorn, heavy crops at 3-5 year intervals  
**Seasonal Foliage Color:** lustrous, leathery, dark green in summer (if soil has appropriate pH), yellowish in fall, sometimes red-purple in fall  
**Bark:** attractive, grayish brown, flaky and divided into deep longitudinal fissures with flat ridges  
**Transplant Issues:** easy to transplant B&B or ≤ 2" caliper bare root  
**Management Issues:** acorns may be a litter problem certain years  
**Suggested Uses:** wide street tree lawns/pits or parks preferred due to size  
**Cultivars:** none known

