

Botanical Name: Quercus macrocarpa

Common Name: Bur oak, Mossy cup oak

Type of Plant: dicot: tree Character deciduous

Habit of Growth:

Overall Shape an upright, mostly single-trunked tree, with ascending-spreading branches forming a large, open oval-rounded canopy; the plant may become umbrella-like with age

Height 40'-60' (100') Spread ½ - 3/4 Growth Rate rapid

Environment:

Exposure outdoors full or partial sun

Soil prefers a deep loam but tolerates most except high alkaline

Hardiness hardy (zones 1-11, 14-24): thrives in warm, humid areas having a definite seasonal climate

Morphology:

Leaves pinnate, alternate (often clustered towards branch tips), obovate-oblong; 4"-10" long, variously 5-9 lobed; dark green above, paler beneath; terminal lobe is conspicuously larger than others

Flowers inconspicuous, in catkins

Fruit a nut (acorn): broadly oval, 3/4-1 3/4" long; cup is fringed at the rim

Propagation: seed

Usage: a large shade tree; can be developed into a large accent tree for its picturesque form; suitable for temperate-climate or woodsy landscapes

Landscape Care:

Watering regular preferred; can tolerate some drought after established

Fertilizing as needed; check for chlorosis in heavy irrigated areas

Pruning to shape desired; better if canopy is kept open

Pests/Diseases relatively free

Special Conditions

Origin: Eastern U.S. Family: Fagaceae