

Botanical Name: Macadamia tetraphylla (M. ternifolia)

Common Name: Rough-shell macadamia, Queensland nut

Type of Plant: dicot:tree Character evergreen

Habit of Growth:

Overall Shape an erect, mostly single-trunked tree, with ascending and spreading branches, forming a dense oval canopy in youth - plants become wider - spreading with age

Height 20' - 40' (50') Spread 2/3 to equal Growth Rate mod.-rapid

Environment:

Exposure outdoors prefers full sun, tolerates partial at inland locations

Soil thrives in deep, rich loam - tolerates most

Hardiness (zones 9,16,17,19-24): best in warm frost-free areas near coast

Morphology:

Leaves pinnate, alternate to whorled, 4"-10" (12") long; elliptic-oblong, the blade somewhat undulate, with irregularly toothed-spiny margins; dark green above, paler beneath

Flowers small, pinkish-white, in drooping raceme clusters; January through April

Fruit a round drupe; the outer covering is leathery, inner covering hard

Propagation: seed

Usage: primarily used for fruit production; as an ornamental, use as background mass for its shiny foliage - can be used as shade tree if headed high when young

Landscape Care:

Watering prefers frequent deep-soak irrigation - can tolerate some drought in mild climate coastal areas

Fertilizing 1-2 times annually when young; older trees require little feeding

Pruning select the best leader of young tree, stake, prune to shape desired (avoid shearing); can be headed back if needed

Pests/Diseases relatively free

Special Conditions resistant to oak root fungus
Queensland

Origin: Australia Family: Proteaceae