

Chinquapin Oak (Common Name)

Quercus muehlenbergii (Scientific Name)



PHYSICAL CHARACTERISTICS

Canopy potential: 50' – 60' wide

Annual Growth Rate: 24"

Powerline Friendly: 40' – 50' from base

Root Damage Potential: Low

Leaves: Up to 8" long and 4 1/2" wide.

Flowers: Flowers inconspicuous in narrow clusters.



ENVIRONMENTAL CHARACTERISTICS

Water Use: Moderate

Edible Fruit Producing: Yes, an acorn or nut, half of which is chestnut brown or black.

Allergenic: High

BVOC Emissions: High

Sonoran Desert Native: No

Invasive Species: No

Tree Care: Plant in full sun. Tolerant of multiple soils but prefers well-drained soils. During drier summer periods, regular watering is needed. Prune dead and diseased branches, and to promote structural growth.

Ecosystem Services: Value for its tannins and medicinal uses. Dried leaves are used by Cherokee Indians for headaches, fevers, chills, cold sweats, and fever blisters. Roots are used by Koasati Indians to treat stomachaches.

