



Quercus muehlenbergii



Magasság	20 m
Szélesség	15-20m
Korona	vase-shaped, half-open crown
Kéreg és ágak	branches brownish grey to reddish brown: bark light grey, shallowly grooved or peeling off in small plates
Leaf	elongated, 6-18 cm long, glossy green to yellow-green, margins shallowly lobed to toothed
Virágok	catkins, inconspicuous
Gyümölcsök	oval acorn, 1-2 cm long, edible
Tüskés/tövises	egyik sem
Mérgező tulajdonság	rendszerint nem mérgező emberek, (nagytestű) háziállatok és haszonállatok számára
Talajtípus	clayed soil, loamy soil, sandy soil, calcareous soil
Ültetési hely követelményei	Nem viseli el az útburkolatokat
télállóság	5b (-26,0 és -23,4 °C)
Szélellenállóság	moderate
Egyéb tűrőképességek	fagytűrő (télállósági fok: 1-6)
Alkalmazások	ipari terület
Forma	magas törzsű fa

Quercus muehlenbergii is a large tree with a round crown up to 20 m. In exceptional cases, the tree can grow up to 30 m tall. At a young age, Q. muehlenbergii can grow strongly. The bark is light grey and shallowly grooved or detached in small plates. The leaves are oblong and glossy mid-green to yellow-green on the upper side. The underside is grey-green and thin, felt-like hairs. The leaf margin is shallowly lobed to toothed. The lateral veins always end in a short point, at the apex of each tooth or leaf lobe. The oval acorns measure 1-2 cm and are about half enclosed by the cup. This is studded with thick, hairy scales. The acorns are edible and taste sweet.

Q. muehlenbergii is not a rare species in nature, but is not found anywhere in large numbers. It is a typical species of continental USA and does not occur in coastal areas. The tree therefore does not tolerate sea breezes. Q. muehlenbergii prefers moist but well-drained soils. Nevertheless, the tree also tolerates drought. A neutral to calcareous soil is desirable for good growth.

The wood is hard and durable, but because the tree is not common it is little used.