



## Quercus macranthera



Высота	20 - 25 (30) m
Ширина	10-15m
Крона	spherical, dark, dense crown
Кора и ветви	dark brownish-grey, grooved, twigs reddish-brown with soft hairs
Лист	obovate, dark green, 12 - 22 cm
Цветы	gold coloured catkins, 5 - 8 cm long, May
Плоды	acorns, approx. 2.5 cm, in groups of 1 to 4
Колючки/шипы	None
Ядовитость	неядовитый, обычно
Вид почвы	makes few demands, loamy
Влажность почвы	устойчив к сухим почвам, устойчив к влажным почвам
Мощение	неустойчив к мощению
Зона зимостойкости	6a (-23,3 до -20,6 °C)
Устойчивость к ветру	good
Прочие виды устойчивости	устойчив к морозам, зона 1 - 6, сустойчив к ветру, устойчив к соли для улиц
Применение	промышленные зоны
Форма	штамбовое дерево, многоствольное дерево
Происхождение	northern Iran, Caucasus

A tree up to 30 m tall occurring in the highlands of the Caucasus and Northern Iran at altitudes of up to 2,500 m. Young specimens have a silvery bark that turns dark grey with advancing age. Branches mostly begin low down. The bark becomes rough and takes on deep grooves: young twigs are covered in thick woolly hair. The leathery obovate leaves are 12 - 22 cm long and 5 - 14 cm wide. They are regularly lobed with 8 - 10 pairs of shallow blunt lobes. They are rough and dark green on the upper side: the underside is grey and felt-like. The acorns are grouped from 1 to 4, are approx. 2.5 cm in size and are half to two-thirds enclosed in the cupule. The cupule is covered with narrow contiguous scales. Q. macranthera is resistant to mildew.