

https://www.vdberk.com/index.php/trees/quercus-pubescens/



Quercus pubescens



Width 10-15 m Crown oval, later round, half-open crown Bark and branches grey, cork-like grooves, young twigs covered with soft felt-like hairs Leaf obovate to elliptical, green, 5 - 10 cm Flowers gold-coloured catkins, May Fruits ovoid acorns in groups of up to four, 1.5 - 2 cm long Spines/thorns None Toxicity usually not toxic to people, (large) pets and livestock Soil type calcareous and loamy, somewhat moist Soil moisture suitable for wet soil Paving tolerates no paving Winter hardiness zone 6a (-2,3,3 to -20,6 °C) Wind resistance good Other resistances resistant to frost (WH 1 - 6), can withstand wind, resistant to de-icing salt Application tree containers, industrial areas Shape clearstem tree, feathered tree, multi-stem treem		
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Shape clearstem tree, feathered tree, multi-stem treem	Other resistances	resistant to frost (WH 1 - 6), can withstand wind, resistant to de-icing salt
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Origin central and southern Europe, Caucasus and Asia Minor	Shape	clearstem tree, feathered tree, multi-stem treem
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Occurs naturally in warm sunny regions on moist calcareous mountainsides. There it sometimes attains a height of up to 20 m. When cultivated, Q. pubescens is grafted onto Q. robur and remains smaller. The grey trunk has deep cork-like grooves. The buds and young twigs are covered in soft felt-like hairs. The leaves vary in shape: obovate to elliptical. Length 5 - 10 cm, width 3 - 5 cm. The underside of the leaf is also covered in soft hairs. The leaves are irregular, mostly with shallow lobes. The lobes are sometimes rounded off bluntly, sometimes pointed. The leaves somewhat resemble those of Q. robur but remain considerably smaller. The acorns are grouped in twos and fours and are half enclosed by the cupule: the latter is covered with contiguous scales that carry felt-like hairs.