



Quercus x hispanica 'Wageningen'



Height	20 - 25 (40) m
Crown	ovoid to broad ovoid, half-open crown
Bark and branches	fine grooves, young twigs olive-green
Leaf	obovate, deeply lobed, glossy dark green, 10 - 20 cm, evergreen
Flowers	gold coloured catkins, 7 - 10 cm long, May
Fruits	ovoid acorns, 1 - 2 cm, 2 to 5 grouped together
Spines/thorns	None
Toxicity	usually not toxic to people, (large) pets and livestock
Soil type	nutritious, preferably loamy
Soil moisture	suitable for wet soil
Paving	tolerates no paving
Winter hardiness zone	7 (-17,7 to -12,3 °C)
Wind resistance	good
Other resistances	can withstand wind, resistant to de-icing salt
Application	parks, cemeteries, industrial areas, large gardens
Shape	clearstem tree, feathered tree, multi-stem treem
Origin	J. Frank Schmidt & Son, Boring, OR, United States, 1989

This cultivar is distinguished from the species by its regular manner of growth and a well closed leaf cover. Fairly fast-growing with a good ascending main trunk and angular ascending branches. The short trunk has fine grooves and the bark flakes off in platelets. Young twigs are bare, hairy and olive-green. Older twigs are bare and grey. The leaves are very deeply and regularly lobed. The large lobes are also lobed or carry blunt serrations. The leaves are glossy dark green, the underside light green. They are 10 - 20 cm long, sometimes longer when the tree grows vigorously. Width 7 - 12 cm. The acorns are one third to a half enclosed by the cupule: the latter is densely covered with narrow, contiguous, hairy scales. The cupules and the leaves are very characteristic of the species.