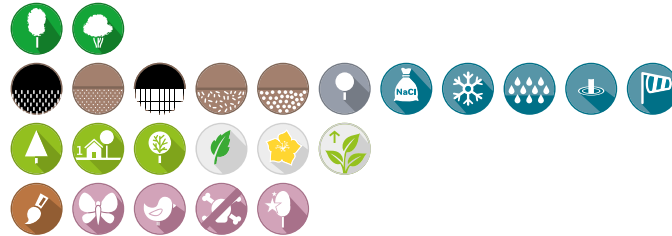




## Quercus palustris



<b>Height</b>	20 - 25 (40) m, fast growing
<b>Width</b>	12-15m
<b>Crown</b>	broad spherical, later rounded, half-open crown
<b>Bark and branches</b>	grey, smooth to shallow grooves, twigs olive coloured
<b>Leaf</b>	obovate to oval, roughly lobed, green, 7 - 15 cm
<b>Autumn colour</b>	red
<b>Flowers</b>	gold-coloured catkins, May
<b>Fruits</b>	flattened spherical acorns, approx. 1 cm
<b>Spines/thorns</b>	None
<b>Toxicity</b>	usually not toxic to people, (large) pets and livestock
<b>Soil type</b>	all types, preferably nutritious
<b>Soil moisture</b>	suitable for wet soil, withstand short flood
<b>Paving</b>	tolerates no paving
<b>Winter hardiness zone</b>	5a (-28,8 to -26,1 °C)
<b>Wind resistance</b>	good
<b>Other resistances</b>	resistant to frost (WH 1 - 6), can withstand wind, resistant to de-icing salt
<b>Fauna tree</b>	resistant to frost (WH 1 - 6), can withstand wind, resistant to de-icing salt, provides food for birds
<b>Application</b>	avenues and broad streets, industrial areas
<b>Shape</b>	clearstem tree, multi-stem treem
<b>Origin</b>	north-east of North America

A reasonably fast-growing tree with a straight main trunk and handsome horizontally growing branches. After some time the lower branches can droop somewhat, a characteristic of the species. Old trunks bear shallow grooves. The many short twigs spread over both trunk and heavy lateral branches are another characteristic. The leaves are somewhat variable in shape, ovoid to oval, 7 - 15 cm long and sometimes equally wide. The roughly lobed leaves have 2 to 4 pairs of sharply serrated lobes. The smooth leaves are bright green and turn to dark red in the autumn. The dead leaves sometimes remain hanging on the tree for a long time. The small acorns are only enclosed at the base by the cupule, up to a maximum of one third. The cupule is thickly covered with small contiguous scales.