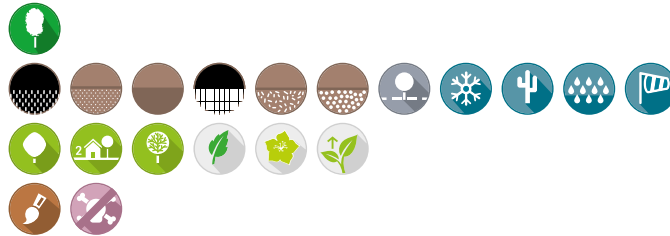




## Carpinus orientalis



<b>Height</b>	6 – 8 (15) m
<b>Width</b>	6-8m
<b>Crown</b>	round/spherical, dark, dense crown
<b>Bark and branches</b>	twigs brown-grey, bark grey, smooth
<b>Leaf</b>	ovoid, 2.5-6 cm long and 1.5-3.5 cm wide, glossy green
<b>Autumn colour</b>	yellow
<b>Flowers</b>	yellow green, April
<b>Fruits</b>	catkins, 3-6 cm long
<b>Spines/thorns</b>	None
<b>Toxicity</b>	usually not toxic to people, (large) pets and livestock
<b>Soil type</b>	clayed soil, loamy soil, sandy soil, peaty soil
<b>Soil moisture</b>	suitable for dry soil, suitable for wet soil
<b>Paving</b>	tolerates partial paving
<b>Winter hardiness zone</b>	6a (-23,3 to -20,6 °C)
<b>Wind resistance</b>	good
<b>Other resistances</b>	resistant to frost (WH 1 - 6), can withstand wind
<b>Shape</b>	clearstem tree

Carpinus orientalis is a densely branched large shrub to small tree with a broadly ascending, eventually broadly vase-shaped, crown. Eventually the tree can grow more than 10 m tall, but usually, with a height of 6-8 m, it remains lower in cultivation. The brownish-grey young twigs are densely hairy. The old bark is grey and smooth. The glossy leaves are dark green with a double serrated leaf margin. The fruiting catkins are not remarkably large, but still add to the ornamental value of this tree, native to Europe. Differs from the common hornbeam (C. betulus) in that the leaves of C. orientalis are smaller and the glumes of the fruiting catkins are unlobed.

Carpinus orientalis grows in all soils, provided they are sufficiently nutritious. Both dry and wet soils are well tolerated.