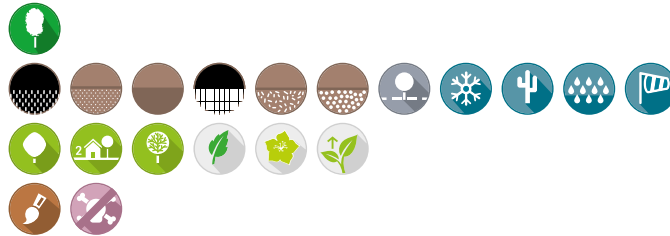




## Carpinus orientalis



<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.