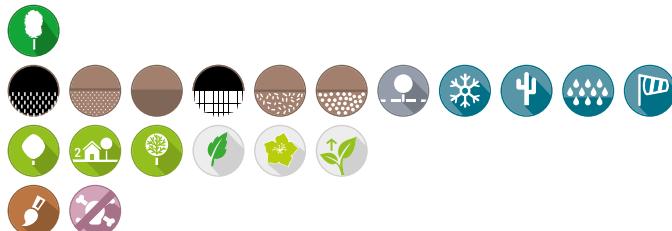


Carpinus orientalis



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