



Ostrya carpinifolia



Height	14 - 16 (20) m
Width	8-15m
Crown	broad ovoid to rounded, dark, dense crown
Bark and branches	brown-grey, grooved, branches olive-green
Leaf	ovoid to oval, green, double serrated leaf edge, 5 - 10 cm
Autumn colour	yellow
Flowers	yellow-green catkins, ♂ approx. 4 - 6 cm, ♀ catkins shorter, April
Fruits	nutlets, in fruit resembling hops
Spines/thorns	None
Toxicity	usually not toxic to people, (large) pets and livestock
Soil type	likes calcareous soil
Soil moisture	suitable for dry soil
Paving	tolerates paving
Winter hardiness zone	5b (-26,0 to -23,4 °C)
Wind resistance	good
Other resistances	resistant to frost (WH 1 - 6), can withstand wind
Application	avenues and broad streets
Shape	clearstem tree, multi-stem treem
Origin	Southern Europe, Asia Minor

A slow-growing tree with a funnel-shaped crown when young. Later the main trunk splits and side branches grow out widely so that the crown becomes more rounded. Eventually it can attain a width of more than 12 m. The short trunk is grey-brown, grooved and flakes off in small plates. The trunk becomes steadily darker in older trees. Young twigs are bare and olive-green. The ovoid to oval leaves have a double serrated edge and turn yellow in autumn. Ostrya produces abundant flowers in the form of yellowish-green male catkins approximately 4 - 6 cm long and unremarkable female flowers in small ears. Once fertilised the latter turn into fruit resembling a hop and are approx. 6 cm long. Likes a warm and sheltered site and grows in any soil, even very dry soils.