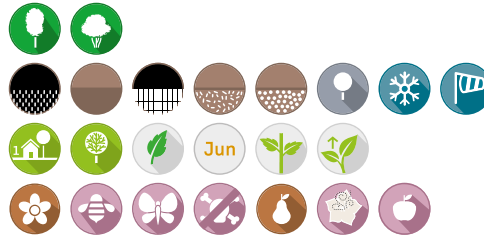




Castanea sativa



Height	20 - 30 m
Width	20-25m
Crown	round, irregular, dark, dense crown
Bark and branches	(grey-)brown, later with deep longitudinal grooves
Leaf	elongated, glossy dark green, serrated, 10 - 25 cm
Flowers	in cream-coloured catkins, 8-13 cm long, June/July, fragrant flowers
Fruits	spiky husk with 2 - 3 nuts (chestnuts), edible fruits
Spines/thorns	None
Toxicity	usually not toxic to people, (large) pets and livestock
Soil type	light, nutritious, humic soil
Paving	tolerates no paving
Winter hardiness zone	6a (-23,3 to -20,6 °C)
Wind resistance	good
Other resistances	resistant to frost (WH 1 - 6), can withstand wind
Fauna tree	resistant to frost (WH 1 - 6), can withstand wind, valuable for butterflies
Shape	clearstem tree, multi-stem treem
Origin	Southeastern Europe

Large tree with an irregular crown, occurring naturally on cool, somewhat humid mountainsides in Southern and Central Europe, North Africa and parts of Asia. The crown can grow to 25 m wide. The heavy, squat, dark grey trunk twists on its axis taking the deep grooves in the bark with it. Young branches are olive-green but quickly turn reddish-brown. The elongated leaf is dark green and glossy and has a clearly serrated edge. Young leaves carry velvety hairs on the underside. It is a monoecious tree with white, fragrant male flowers occurring in bundles in ears up to 13 cm long. The female flowers are small and green and are not remarkable. The fruit is edible. The tree puts down a deep and widespread root system. Castanea sativa is an important producer of timber.