



Fagus sylvatica



Height	30 - 35 m
Width	25-30m
Crown	round, dark, dense crown, capricious growing
Bark and branches	grey, smooth bark
Leaf	oval to ovate, dark green, 4 - 10 cm
Autumn colour	yellow
Flowers	small inconspicuous catkins, May
Fruits	nuts, in burrs with brush-like spines, 1 - 2 cm
Spines/thorns	None
Toxicity	usually not toxic to people, (large) pets and livestock
Soil type	well-drained, humus rich soil, not too wet
Paving	tolerates no paving
Winter hardiness zone	6a (-23,3 to -20,6 °C)
Wind resistance	moderate
Other resistances	resistant to frost (WH 1 - 6)
Application	avenues and broad streets
Shape	clearstem tree, feathered tree, multi-stem tree
Origin	Central and Western Europe
Synonyms	Fagus silvatica

Fagus sylvatica is an impressive tree that grows in the wild in large parts of Europe. Mature specimens reach circa 35 m in height and width. The soft bark is smooth and has a grey colour. Old bark can be damaged by scorching. The shiny, dark green leaves are 4 - 10 cm large and have a curving margin. The young leaf is slightly haired when unfolding. Yellow-brown autumn colour. The tree flowers with small, inconspicuous catkins. In autumn nuts appear, only at a later age the tree does the tree bear a rich crop. Has many roots in the top soil, so that undergrowth gets little chance. The tree is used as a park tree and as a solitary. In addition it is much used for planting hedges and woodlands. Prefers humus rich soil that is not too wet and well-drained. Withstands hard surfaces less well. Moderately wind-tolerant.