



Carpinus caroliniana



Height	12 m
Width	6-9m
Crown	irregular sphere, dark, dense crown, capricious growing
Bark and branches	grey, bluegrey
Leaf	(blue-)grey, smooth, later grooved
Autumn colour	orange, red
Flowers	elongated oval, blue-green
Fruits	Monoecious, ♂catkins 5 - 10 cm, ♀catkins 2.5 - 3.5 cm April, in separate fruiting catkins up to about 12 cm
Spines/thorns	None
Toxicity	usually not toxic to people, (large) pets and livestock
Soil type	few soil requirements, preference for loamy ground, can tolerate a lot of moisture for a while
Soil moisture	suitable for wet soil
Paving	tolerates partial paving
Winter hardiness zone	4 (-34,4 to -28,9 °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	Eastern North America

Medium-size tree with a rather irregular, almost round crown. The grey bark sometimes has a blue sheen. Together with the blue-green leaf, it has endowed the tree with its American name Blue Beech. The leaf turns deep orange-red in autumn. This contrasts with other species, which generally turn yellow. The long, female catkins are very decorative as they blossom. Has few demands as to soil and can tolerate moisture. The tree can also tolerate wet soil for a short time.