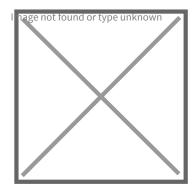


https://www.vdberk.sk/index.php/stromy/carpinus-betulus/



Carpinus betulus



Výška	15 - 20 m
Šírka	12-15m
Koruna	broad ovoid, later rounded, dark, dense crown, capricious growing
Kôra a vetvy	bark grey and smooth, twigs grey-brown with short hairs
Listy	ovoid, bright green, 6 - 10 cm
Jesenné sfarbenie	Žltá
Kvety	? catkins approx. 4.5 cm, ? catkins approx. 3 cm, unremarkable, April/May
Plody	ovoid, small ribbed nut, in separate fruit clusters
Tŕne	Žiadny
Jedovatosť	Zvyčajne nie je jedovaté pre ľudí a väčšie zvieratá
Typ pôdy	makes few demands as regards soil, preference for loamy ground
Pôdna vlhkosť	Vhodné do suchých pôd, Vhodné do vlhkých pôd, Odolné voči krátkodobému zaplaveniu
Spevnené plochy	Netoleruje spevnené plochy
Zóna odolnosti	5a (-28,8 do -26,1 °C)
Odolnosť voči vetru	good
Ostatná odolnosť	Odolné mrazu (WH 1–6), Odolné vetru
Použitie	bulváre a široké ulice, stromy do nádob, priemyselné oblasti
Tvar	Vysokokmeň, Vetvený, Viackmeň
Pôvod	Europe, Asia Minor

A fairly slow growing and densely branched tree, conical when young, later growing to ovoid or rounded. Adult trees attain a width of 10 m and a height of 15 - 20 m. The branches start to hang down as the tree ages. Young twigs are grey-brown; older branches and the trunk are dark grey and remarkably smooth. The leaves are a fresh green colour in the spring. The leaf has a sharply double serrated edge and the leaf top tapers to a point. In the autumn the leaves turn colour to a golden yellow. If the hornbeam is pruned annually the dry brown leaves generally remain on the tree until well into the winter. The small nutlets hang in decorative separate fruit clusters. Root growth is relatively close to the surface. The rotted leaves are good soil improvers. A hornbeam can easily reach an age of 200 years. If Carpinus betulus is given sufficient room it forms a broad crown up to a height of twenty metres at a later age.