



## Carpinus japonica



|                              |                                                                          |
|------------------------------|--------------------------------------------------------------------------|
| <b>Height</b>                | 8 - 15 m                                                                 |
| <b>Width</b>                 | 6-8m                                                                     |
| <b>Crown</b>                 | vase-shaped, later wider to rounded, half-open crown, capricious growing |
| <b>Bark and branches</b>     | grey, somewhat grooved and scaly                                         |
| <b>Leaf</b>                  | narrow ovoid to oval, bright green, 6 - 10 cm                            |
| <b>Autumn colour</b>         | yellow                                                                   |
| <b>Flowers</b>               | ♂ catkins approx. 4.5 cm, ♀ catkins approx. 1.5 cm, unremarkable,        |
| <b>Fruits</b>                | small nutlets between bracts in separate fruit clusters                  |
| <b>Spines/thorns</b>         | None                                                                     |
| <b>Toxicity</b>              | usually not toxic to people, (large) pets and livestock                  |
| <b>Soil type</b>             | loamy                                                                    |
| <b>Soil moisture</b>         | suitable for dry soil, suitable for wet soil                             |
| <b>Paving</b>                | tolerates no paving                                                      |
| <b>Winter hardiness zone</b> | 7a (-17,7 to -15,0 °C)                                                   |
| <b>Wind resistance</b>       | good                                                                     |
| <b>Other resistances</b>     | can withstand wind                                                       |
| <b>Application</b>           | roof gardens, small gardens                                              |
| <b>Shape</b>                 | clearstem tree, feathered tree, multi-stem tree                          |
| <b>Origin</b>                | Japan                                                                    |

A large bush-like form gives way to a decorative tree with a fine vase-shaped manner of growth that later becomes broader. Its manner of growth resembles that of *C. betulus*, but there is a clear difference in that the bark of *C. japonica* is light grey-brown and flakes off in small scales. The leaves are relatively small and tinted reddish when they first appear. The leaf has a sharply double serrated edge and the leaf top tapers to a point. The underside of the leaf is slightly hairy. The nutlets are in short squat clusters. Because there are no separate bracts the clusters look like hops and are thus very decorative. They grow to a length of approx. 6 cm. The autumn colour is golden yellow. Root growth is relatively close to the surface. The rotted leaves are good soil improvers.