



## Carpinus betulus 'Columnaris'



<b>Height</b>	8 m
<b>Width</b>	2-4m
<b>Crown</b>	ovoid / egg-shaped, dark, dense crown
<b>Bark and branches</b>	grey
<b>Leaf</b>	green
<b>Autumn colour</b>	yellow
<b>Flowers</b>	yellow, flowers in April
<b>Fruits</b>	brown
<b>Spines/thorns</b>	None
<b>Toxicity</b>	usually not toxic to people, (large) pets and livestock
<b>Soil type</b>	clayed soil, loamy soil, sandy soil, acid soil, calcareous soil
<b>Soil moisture</b>	suitable for dry soil, suitable for wet soil
<b>Paving</b>	tolerates no paving
<b>Winter hardiness zone</b>	5a (-28,8 to -26,1 °C)
<b>Wind resistance</b>	very good
<b>Other resistances</b>	resistant to frost (WH 1 - 6), can withstand wind
<b>Application</b>	tree containers, roof gardens, industrial areas, patio gardens
<b>Shape</b>	clearstem tree, feathered tree, multi-stem tree

This tree grows very slowly and compactly. Height 7 - 8 m. The crown is a narrow ovoid, later ovoid and extremely closed thanks to the dense branching. This cultivar is often grown on a standard tree but sometimes specimens are found that branch out from the ground. 'Columnaris' remains narrower than the 'Fastigiata' cultivar, though the two are often confused. The leaves are a fresh green colour in the spring and turn colour to golden yellow in the autumn. Because of its slow rate of growth 'Columnaris' is less suitable for use in public places, 'Fastigiata' and 'Frans Fontaine' being more suitable. Winter hardiness zone: 5a