



Carpinus betulus 'Columnaris'



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