



## Carpinus betulus 'Lucas'



<b>Height</b>	10 m
<b>Width</b>	3-4m
<b>Crown</b>	narrow pyramidal to narrow ovoid, dark, dense crown
<b>Bark and branches</b>	dark grey, smooth: twigs brownish grey
<b>Leaf</b>	ovate, dark green, 8 - 12 cm
<b>Autumn colour</b>	yellow
<b>Flowers</b>	green catkins, April/May
<b>Fruits</b>	in separate fruiting catkins, first green, later brown
<b>Spines/thorns</b>	None
<b>Toxicity</b>	usually not toxic to people, (large) pets and livestock
<b>Soil type</b>	few soil requirements, preference for loamy ground
<b>Soil moisture</b>	suitable for dry soil, suitable for wet soil
<b>Paving</b>	tolerates 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>	avenues and broad streets, narrow streets, tree containers, roof gardens, industrial areas
<b>Shape</b>	clearstem tree, feathered tree, multi-stem tree
<b>Origin</b>	Louis Houtmeyers Boomkwekerijen, Eindhout Laakdaal, Belgium, 2003

Medium-size tree with a compact, narrow pyramidal crown that becomes narrow ovoid when mature. In crown form it is comparable to 'Frans Fontaine', but with somewhat thicker twigs. The leaf is also somewhat bigger and a darker green than in other cultivars, and in autumn it turns brownish yellow to golden yellow. In the winter months, the withered leaf remains on the tree for a very long time, as also happens with *Fagus sylvatica*. Root growth is relatively close to the surface. The rotted leaves are good soil improvers. Very suitable for use in (narrow) streets and housing estates, but the slender shape can also have architectural value in gardens and parks.