



# Populus trichocarpa 'Columbia River'



<b>Height</b>	30-45 m
<b>Crown</b>	columnar, half-open crown
<b>Bark and branches</b>	grey
<b>Leaf</b>	green, greygreen
<b>Flowers</b>	green, flowers in April
<b>Fruits</b>	green
<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
<b>Soil moisture</b>	suitable for wet soil, withstand short flood, withstand long flood
<b>Paving</b>	tolerates no paving
<b>Winter hardiness zone</b>	5a (-28,8 to -26,1 °C)
<b>Wind resistance</b>	bad
<b>Other resistances</b>	resistant to frost (WH 1 - 6)
<b>Application</b>	avenues and broad streets, parks, windbreaks
<b>Shape</b>	clearstem tree

This poplar was developed by the UNAL (Union Allumettière) in order to obtain a fast-growing clone for wood production (matches). It is a strong grower and produces a great deal of wood at a young age. But the quality of the wood is less than that of other 'UNAL' clones. It forms a fine columnar shape with a good ascending head. It hardly suffers from crown break. The bark starts off smooth but flakes off at a greater age. The dark green leaves have a silver-white underside. 'Columbia River' bears flowers in the form of male catkins. Sensitive to wind and very sensitive to sea wind and rust. Used in forestry and as a solitary in parks and public gardens. Winter hardiness zone: 5a