



Populus trichocarpa 'Columbia River'



Height	30-45 m
Crown	columnar, half-open crown
Bark and branches	grey
Leaf	green, greygreen
Flowers	green, flowers in April
Fruits	green
Spines/thorns	None
Toxicity	usually not toxic to people, (large) pets and livestock
Soil type	clayed soil, loamy soil, sandy soil
Soil moisture	suitable for wet soil, withstand short flood, withstand long flood
Paving	tolerates no paving
Winter hardiness zone	5a (-28,8 to -26,1 °C)
Wind resistance	bad
Other resistances	resistant to frost (WH 1 - 6)
Application	avenues and broad streets, parks, windbreaks
Shape	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