



Quercus robur 'Fastigiata Koster'



Height	10 - 15 m
Width	2-4m
Crown	columnar to narrow pyramidal, dark, dense crown
Bark and branches	dark grey, deep grooves, twigs reddish-brown
Leaf	obovate, lobed, green, 5 - 14 cm
Flowers	greenish-yellow catkins, 2 - 4 cm long
Fruits	ovoid to oval acorn, 1.5 - 2.5 cm, groups of 2 to 6
Spines/thorns	None
Toxicity	usually not toxic to people, (large) pets and livestock
Soil type	nutritious and moist
Soil moisture	suitable for wet soil
Paving	tolerates paving
Winter hardiness zone	5a (-28,8 to -26,1 °C)
Wind resistance	good
Other resistances	resistant to frost (WH 1 - 6), can withstand wind, resistant to de-icing salt
Fauna tree	resistant to frost (WH 1 - 6), can withstand wind, resistant to de-icing salt, valuable for butterflies
Application	avenues and broad streets, narrow streets, industrial areas
Shape	clearstem tree, feathered tree
Origin	NAKB selection, Boskoop, The Netherlands, late 1970's

A clone produced vegetatively from Q. robur 'Fastigiata', with rough ascending branches that do not droop. This creates a closed columnar shape that later becomes narrow pyramidal but still remains well closed. Height approx. 10 - 15 m, breadth 3 - 6 m. The trunk usually branches low down and the bark is dark grey and, in old specimens, deeply grooved. Young twigs are reddish-brown. The variable leaves are obovate to elongated oval and a little larger than those of the species. They have 3 to 6 pairs of blunt lobes and emerge brownish-red in the spring. The ovoid acorns are grouped in twos to sixes and are a maximum of one-third enclosed in the cupule. 'Fastigiata Koster' is one of the best columnar oaks. 'Fastigiata Koster' stands up well to hard surfaces, making it an ideal tree for narrow avenues and streets.