



Quercus xwarei KINDRED SPIRIT ('Nadler')



Height	10 - 15 m
Width	2-3m
Crown	columnar, dark, dense crown
Bark and branches	twigs grey-brown, bark grey, in small rectangular blocks, grooved
Leaf	obovate, lobed, glossy dark green, 8 - 15 cm
Autumn colour	yellow
Flowers	green-yellow ♂ catkins, 4,5 - 8 cm, May
Fruits	ovoid to oval, 2 - 3 cm, single or in pairs, cupule with triangular contiguous scales
Spines/thorns	None
Toxicity	usually not toxic to people, (large) pets and livestock
Soil type	fertile and moist
Soil moisture	suitable for wet soil
Paving	tolerates no 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
Application	avenues and broad streets, narrow streets, industrial areas, small gardens
Shape	clearstem tree
Origin	Earl Cully Nursery, Jacksonville, IL, USA, 2005

Strikingly slender columnar tree growing to around 15 m tall and 3 m wide. The branches grow straight up creating a dense crown. The young twigs are grey-brown. The old bark is light to dark grey and its grooves form small rectangular blocks. The leaves are obovate and in general slightly larger than on Q. robur. They are glossy dark green, turning yellowish brown in autumn. The acorns are 2 to 3 cm in size and usually appear in pairs of one developed and one undeveloped fruit. They are around half-enclosed by the cupule which is covered with triangular scales. The tree originated from a cross between Q. robur 'Fastigiata' and Q. bicolor. The tree has inherited the good characteristics of each parent species: good columnar habit, high resistance to mildew and very wind resistant. It is a sister seedling of Q. x warei Regal Prince ('Long').