



# Quercus xwarei KINDRED SPIRIT ('Nadler')



<b>Height</b>	10 - 15 m
<b>Width</b>	2-3m
<b>Crown</b>	columnar, dark, dense crown
<b>Bark and branches</b>	twigs grey-brown, bark grey, in small rectangular blocks, grooved
<b>Leaf</b>	obovate, lobed, glossy dark green, 8 - 15 cm
<b>Autumn colour</b>	yellow
<b>Flowers</b>	green-yellow catkins, 4.5 - 8 cm, May
<b>Fruits</b>	ovoid to oval, 2 - 3 cm, single or in pairs, cupule with triangular contiguous scales
<b>Spines/thorns</b>	None
<b>Toxicity</b>	usually not toxic to people, (large) pets and livestock
<b>Soil type</b>	fertile and moist
<b>Soil moisture</b>	suitable for wet soil
<b>Paving</b>	tolerates no paving
<b>Winter hardiness zone</b>	5a (-28,8 to -26,1 °C)
<b>Wind resistance</b>	good
<b>Other resistances</b>	resistant to frost (WH 1 - 6), can withstand wind, resistant to de-icing salt
<b>Application</b>	avenues and broad streets, narrow streets, industrial areas, small gardens
<b>Shape</b>	clearstem tree
<b>Origin</b>	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. xwarei* Regal Prince ('Long').