



# Quercus dentata 'Carl Ferris Miller'



<b>Height</b>	15 m
<b>Crown</b>	broad oval to round, half-open crown, capricious growing
<b>Bark and branches</b>	twigs grey with thick downy hair, bark grey, deeply grooved
<b>Leaf</b>	obovate, shallow lobed, matt dark green, 10 - 25 cm
<b>Autumn colour</b>	yellow
<b>Flowers</b>	golden-coloured catkins, 6 - 8 cm, May
<b>Fruits</b>	ovoid to round, approx. 2 cm, in clusters, cupule with slightly raised scales
<b>Spines/thorns</b>	None
<b>Toxicity</b>	usually not toxic to people, (large) pets and livestock
<b>Soil type</b>	well-drained
<b>Soil moisture</b>	suitable for wet soil
<b>Paving</b>	tolerates no paving
<b>Winter hardiness zone</b>	6a (-23,3 to -20,6 °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>	parks, cemeteries, industrial areas, large gardens
<b>Shape</b>	clearstem tree, feathered tree, multi-stem tree
<b>Origin</b>	Robert en Jelena de Belder, Arboretum Kalmthout, Kalmthout, Belgium, 1976

Medium-size tree with a regular crown growing to around 15 m. Has a good ascending growth habit and an upright central leader. When young, the crown is narrow but later it becomes broad oval to round. The grey bark is deeply grooved. Young twigs are strikingly thick and covered with dense downy hair. The large leaves are tough and leathery. The leaf is obovate, matt dark green and can reach 25 cm long and half as wide. It does not take on a nice autumn colour but the leaves remain on the tree all winter. The acorns are in small clusters. They are around 2 cm in size and about half enclosed by the cupule. This cultivar was selected by the De Belders on their estate, Hemelrijk, in Belgium from seeds that Carl Ferris Miller had collected when visiting Korea. Miller was an American who founded the Chollipo Arboretum in South Korea. A lovely park tree.