



Quercus dentata 'Carl Ferris Miller'



Height	15 m
Width	10-15m
Crown	broad oval to round, half-open crown, capricious growing
Bark and branches	twigs grey with thick downy hair, bark grey, deeply grooved
Leaf	obovate, shallow lobed, matt dark green, 10 - 25 cm
Autumn colour	yellow
Flowers	golden-coloured ♂ catkins, 6 - 8 cm, May
Fruits	ovoid to round, approx. 2 cm, in clusters, cupule with slightly raised scales
Spines/thorns	None
Toxicity	usually not toxic to people, (large) pets and livestock
Soil type	well-drained
Soil moisture	suitable for wet soil
Paving	tolerates no paving
Winter hardiness zone	6a (-23,3 to -20,6 °C)
Wind resistance	good
Other resistances	resistant to frost (WH 1 - 6), can withstand wind, resistant to de-icing salt
Application	industrial areas
Shape	clearstem tree, feathered tree, multi-stem tree
Origin	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.