



Quercus ellipsoidalis 'Hemelrijk'



Height	15 m
Width	7-10m
Crown	broad ovoid, half-open crown
Bark and branches	young twigs olive-coloured, bark grey-brown, longitudinally grooved
Leaf	broad elliptical to oval, deeply pinnately lobed, glossy dark green, 8 - 14 cm
Autumn colour	red
Flowers	golden-coloured ♂ catkins, 7 - 10 cm, May
Fruits	oval, 1 - 2 cm, cupule with contiguous scales, light brown
Spines/thorns	None
Toxicity	usually not toxic to people, (large) pets and livestock
Soil type	preferably not limy
Soil moisture	suitable for wet soil
Paving	tolerates no paving
Winter hardiness zone	4 (-34,4 to -28,9 °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, industrial areas
Shape	clearstem tree, multi-stem treem
Origin	Arboretum Kalmthout, Kalmthout, Belgium, before 2002

Large tree with a broad ovoid crown growing up to 15 m tall by 10 m wide. The young twigs are olive green, sometimes with a slightly red hue. The old bark is grey-brown and has longitudinal grooves. The broad elliptical to oval leaves are deeply pinnately lobed and the lobes are dissected more than halfway into the leaf blade. The lobes are pointed and sharply serrated. In spring when the leaf emerges it has a slightly reddish colour. In summer it is glossy dark green, turning dark red to deep brown-red in autumn. A healthy park tree that has few demands as to soil, provide it is limy enough. The tree was selected due to its excellent bright red to orange autumn colours and named after Robert and Jelena de Belder's estate, Hemelrijk (Arboretum Kalmthout).