



Quercus castaneifolia 'Green Spire'



Height	20 - 30 m
Width	8-12m
Crown	broad columnar to ovoid, dark, dense crown
Bark and branches	brownish-grey, deeply grooved, young twigs covered with grey felt-like hairs
Leaf	elongated elliptical to lanceolate, with large serrations, 7 - 16 cm
Flowers	gold coloured ♂ catkins, 7 - 10 cm long, May
Fruits	2 - 3 cm, single or in pairs
Spines/thorns	None
Toxicity	usually not toxic to people, (large) pets and livestock
Soil type	preferably calcareous, not too moist
Paving	tolerates partial paving
Winter hardiness zone	7a (-17,7 to -15,0 °C)
Wind resistance	good
Other resistances	can withstand wind, resistant to de-icing salt
Application	industrial areas
Shape	clearstem tree
Origin	Hillier Nurseries, Romsey, England, circa 1948

A fast-growing tree with a closed crown that makes it look squat. Young twigs are covered with grey felt-like hairs but later become smooth and bare. The leaves closely resemble those of Castanea. They are elongated elliptical to lanceolate, 7 - 16 cm long and 3 - 7 cm wide. The leaf edge has large, sharp, pointed serrations. The upper side of the leaves is glossy dark green, the underside grey and covered in felt-like hairs. Young shoots are brownish-violet in colour. The acorns, 2-3 cm in size, are elongated ovoid and grow singly or in pairs. They are more than half enclosed by a semi-circular cupule that has sturdy, backward-bending scales covered with grey hairs. The tree prefers a warm and sunny site and calcareous soil that is not too moist.