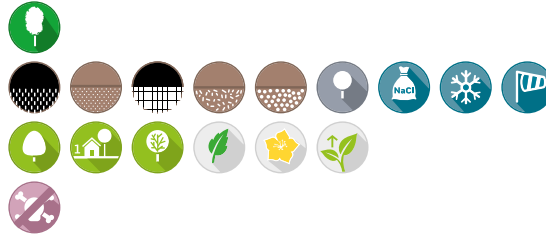




Quercus phellos HIGHTOWER

('QPSTA')



Height	12 - 18 m
Width	8-10m
Crown	broad ovoid, half-open crown
Bark and branches	twigs olive green, bark dark grey, smooth, later with peeling plates
Leaf	lanceolate, smooth-edged, green, 5 - 15 cm
Flowers	golden coloured catkins, May
Fruits	almost round, 1 - 1.5 cm, single or in pairs
Spines/thorns	None
Toxicity	usually not toxic to people, (large) pets and livestock
Soil type	moist, fertile
Paving	tolerates no paving
Winter hardiness zone	6b (-20,5 to -17,8 °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
Origin	Tree Introductions, Inc., Bishop, GA, USA, 2001
Synonyms	Quercus phellos 'Hightower'

Large tree with a straight leader and a regular crown shape. Initially the crown is ovoid, spreading later. The tree can grow to a height of 18 m with a diameter of around 12 m. The smooth dark grey bark becomes slightly rough on older trees and flakes off in small plates. The narrow leaf is the same size and colour as the species. In warm areas, the tree is full or partly evergreen whereas it is deciduous in colder regions. In areas where the foliage falls in winter, the autumn colour is light yellow. No more than a third of the small, round acorn is enclosed by the cupule. This cultivar is recommended over the species because of its regular and slightly more slender crown. Prefers to grow on fertile, moist but well-drained soil. Suitable for parks, wide green borders, avenues and car parks.