



Quercus frainetto FOREST GREEN ('Schmidt')



Height	20-25 (40) m
Width	8-10m
Crown	broad ovoid, half-open crown
Bark and branches	brown, grey
Leaf	green
Flowers	gold-coloured, flowers in May
Fruits	brown
Spines/thorns	None
Toxicity	usually not toxic to people, (large) pets and livestock
Soil type	loamy soil, sandy soil, acid soil, calcareous soil
Soil moisture	suitable for dry soil, suitable for wet soil
Paving	tolerates partial paving
Winter hardiness zone	6a (-23,3 to -20,6 °C)
Wind resistance	very 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

This cultivar is distinguished from the species by its regular growth form and well-closed foliage. Fairly fast-growing with a well-spaced heart branch and an angled branching habit. The short trunk is grey-brown and finely grooved and the bark parts detach in small plates. Young twigs are thick, hairy and olive green. Older twigs are bare and grey. The leaves are very deep and regularly lobed. The large lobes are also lobed or shallowly toothed. The leaf is shiny dark green, the underside light green. It is 10 - 20 cm long, sometimes longer when growing vigorously. Width 7 - 12 cm. One third to half of the acorns are enclosed by the cupule, which is densely covered with narrow adjacent and hairy scales. The cupules and leaves are very characteristic of the species.