



Gleditsia triacanthos 'Imperial'



Height	10-12 m, fast growing
Width	8-10m
Crown	oval, light, open crown
Bark and branches	grey
Leaf	green, feathered leaf
Autumn colour	yellow
Flowers	yellowgreen, flowers in June
Fruits	brown
Spines/thorns	None
Toxicity	usually not toxic to people, (large) pets and livestock
Soil type	loamy soil, sandy soil, calcareous soil
Soil moisture	suitable for dry soil
Paving	tolerates paving
Winter hardiness zone	5a (-28,8 to -26,1 °C)
Wind resistance	good
Other resistances	resistant to frost (WH 1 - 6), can withstand wind, resistant to de-icing salt
Fauna tree	resistant to frost (WH 1 - 6), can withstand wind, resistant to de-icing salt, valuable for bees (honey plant)
Application	avenues and broad streets, tree containers
Shape	clearstem tree, multi-stem treem

Different from the species because this cultivar has a regular crown with a straight, upright growing central leader. This makes the oval open crown more compact. Height 10 - 12 m. 'Imperial' has a grey bark with shallow fissures and no spines. The 15 - 20 cm large, compound leaf unfolds late. Young twigs and young foliage are red brown. The single leaflets are circa 3 cm and turn golden yellow in autumn. After the flowering only a few, crescent-shaped and twisted pods appear, they are circa 30 - 40 cm and persist long. Good avenue and street tree with a deep rooting root system with many rootlets. Winter hardiness zone: 5a