



## Gleditsia triacanthos 'Imperial'



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