



## Gleditsia triacanthos f. inermis



|                              |                                                                                                                |
|------------------------------|----------------------------------------------------------------------------------------------------------------|
| <b>Height</b>                | 15 – 20 (25) m, fast growing                                                                                   |
| <b>Width</b>                 | 10-15m                                                                                                         |
| <b>Crown</b>                 | irregular sphere, light, open crown                                                                            |
| <b>Bark and branches</b>     | branches reddish brown, thornless, bark grey, shallow grooves                                                  |
| <b>Leaf</b>                  | pinnate or bipinnate, glossy fresh green, feathered leaf                                                       |
| <b>Autumn colour</b>         | yellow                                                                                                         |
| <b>Flowers</b>               | light green, inconspicuous, June                                                                               |
| <b>Fruits</b>                | sickle-shaped pods, 30 - 45 cm long                                                                            |
| <b>Spines/thorns</b>         | None                                                                                                           |
| <b>Toxicity</b>              | usually not toxic to people, (large) pets and livestock                                                        |
| <b>Soil type</b>             | light soils                                                                                                    |
| <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>       | very 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, roof gardens, industrial areas                                     |
| <b>Shape</b>                 | clearstem tree, multi-stem treem                                                                               |
| <b>Origin</b>                | North America                                                                                                  |
| <b>Synonyms</b>              | Gleditsia inermis                                                                                              |

A capriciously growing tree with a height of 15 - 20 (25) m. It has a grey bark with shallow fissures. The twigs and the young leaves are red brown. The name f. inermis is a collective name for various spineless specimen of G. triacanthos. Therefore it is preferred when planting in streets and avenues. The compound leaf is circa 20 cm long and unfolds late. Its individual leaflets are circa 3 cm. In summer they are fresh green, in autumn golden yellow. After the flowering, crescent shaped pods appear and they can reach 45 cm. They turn from yellow green to brown red and persist well into winter. Winter hardiness zone: 5a