



Gleditsia triacanthos f. inermis (thornless honey locust) originated in North America in 1789 as a natural variation of the species. It has the same shape as the *Gleditsia triacanthos*, save for the important fact that the *inermis* is thornless. It grows into a large, rugged tree, up to more than 20 metres high and 10 metres wide. It has a beautifully transparent crown. It is assumed that most thornless Gleditsia cultivars are selections from f. *inermis*.

In the springtime, *Gleditsia triacanthos* f. *inermis* buds pinnate, deep bronze-red leaves, which turn a fresh green colour around June. At the same time, the tree blooms discreet, yellow-green racemes. In autumn, the leaves are a beautiful golden yellow. After blooming, the striking, yellow-green legumes appear, that are between 30 and 45 cm long. Later on in the year, the long legumes turn red-brown. The bark is grey and furrowed.

Coastal winds, salt spray, dryness, air pollution and brief floods are well tolerated by *Gleditsia triacanthos* f. *inermis*. That makes the tree perfect for urban areas. The thornless honey locust is used a lot on lanes and streets, for example, but is also often found in central reservations. With a nectar and pollen value of 5, the tree is also excellent at producing pollen for bees. *Gleditsia triacanthos* f. *inermis* thrives in both dry and moist soil, with a neutral to acidic pH value and prefers a sunny environment.

SEASONAL COLOURS

jan	feb	mar	apr	mei	jun	jul	aug	sep	okt	nov	dec

TYPES OF PLANTING

Tree types: standard trees, multi-stemmed trees, characteristic trees | Topiary on stem: roof-trained, pollard, vase

USE

Location: street, avenue, square, park, central reservation, large garden, cemetery, traffic areas, industrial zones, windbreak, bioswale | **Pavement**: none, open, sealed | **Planting concepts**: Eco planting, urban planting

CHARACTERISTICS

Crown shape: ovoid | Crown structure: open | Height: 15 - 20 m | Width: 10 - 15 m | Winter hardiness zone: 5A - 8B

ASPECTS

Wind: slightly tolerant to wind, slightly tolerant to coastal wind | Soil: loess, sabulous clay, light clay, sand, loamy soil | Nutrient level: moderately rich in nutrients, rich in nutrients | Soil moisture level: dry, moist, wet | Light requirements: sun | pH range: acidic, neutral, alkaline | Host plant/forage plant: bees, nectar value 5, pollen value 5 | Extreme environments: tolerant to salt spray, tolerant to dryness, tolerates air pollution, tolerant to short-term flooding

PLANTKENMERKEN

Flowers: raceme, star-shaped, pendulous, flower-scented | Flower colour: yellow-green | Flowering period: June - July | Leaf colour: buds bronze, pale green | Leaves: deciduous, ovate, pinnate, Nitrogen fixing | Autumn colour: golden yellow | Fruits: striking, pod | Fruit colour: red-brown | Bark colour: grey | Bark: furrowed | Twig colour: grey-green | Twigs: thornless, zigzagging | Root system: deep, shallow, fleshy roots



