

Gleditsia triacanthos f. *inermis*
Thornless honeylocust



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