

Gleditsia triacanthos 'Shademaster'

Shademaster Honey locust, Shademaster Sweet Locust

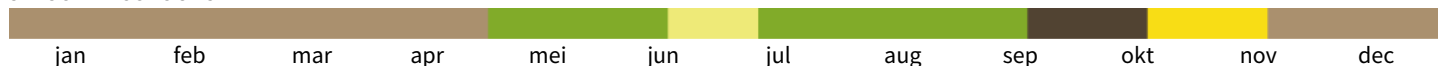


Gleditsia triacanthos 'Shademaster' ('Shademaster' honey locust, 'Shademaster' sweet locust) is a selection from Princeton Nurseries, New Jersey, Kingston, USA and was introduced to the market in 1956. The thornless cultivar grows upwards with a wide habit and has a pyramidal, open crown. 'Shademaster' can reach a height of more than 20 metres.

Gleditsia triacanthos 'Shademaster' blossoms in June with discrete but highly fragrant, yellow-green racemes of flowers. The dark-green, oval leaves are unipinnate or bipinnate. In the autumn, the leaves turn a spectacular golden yellow. The cultivar has a main branch that grows irregularly with almost horizontal side branches coming off it. Young twigs are red-brown and they turn an olive-brown colour as they get older. The bark is slightly grooved and is grey in colour. 'Shademaster' does not bear fruit.

Wind, drought, air pollution, road salt and short wet periods are all tolerated well by *Gleditsia triacanthos* 'Shademaster'. The tree is versatile and can be used in streets, avenues, on squares, at car parks and in parks. But the honey locust 'Shademaster' also thrives on central reservations, in large gardens and at cemeteries. With a nectar and pollen score of no less than 5, the selection is a fantastic bee tree. *Gleditsia triacanthos* 'Shademaster' thrives in dry, damp and wet soils, with a neutral to acidic pH value. The species loves light and prefers a sunny position.

SEASONAL COLOURS



TYPES OF PLANTING

Tree types: standard trees, multi-stemmed trees

USE

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

CHARACTERISTICS

Crown shape: wide pyramidal | **Crown structure:** open | **Height:** 20 - 25 m | **Width:** 8 - 12 m | **Winter hardiness zone:** 5A - 8B

ASPECTS

Wind: tolerant to wind | **Soil:** loess, sabulous clay, peaty, heavy clay, light clay, sand, loamy soil, all soils | **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, papilionaceous, discrete, flower-scented | **Flower colour:** yellow-green | **Flowering period:** June - July | **Leaf colour:** buds red, dark green | **Leaves:** deciduous, ovoid, polished, serrate, crenate, dentate, pinnate, bipinnate, composite, Nitrogen fixing | **Autumn colour:** golden yellow, bronze | **Fruits:** no fruit | **Bark colour:** grey | **Bark:** slightly furrowed | **Twig colour:** red-brown | **Twigs:** thornless, bare, zigzagging | **Root system:** deep, shallow, highly branched