# Gleditsia triacanthos 'Sunburst' Golden honey locust, Yellow honey locust



Gleditsia triacanthos 'Sunburst' (Golden honey locust) was patented as a thornless cultivar by Cole Nurseries in Painesville, Ohio, USA in 1954 and marketed in 1958. It is a fast grower, with a mature height of 8 to 12 metres and a width of 4 to 8 metres. As a multi-stem, the 'Sunburst' is very elegant with its beautiful, rugged stems and fresh, yellow-green foliage. It has a rugged oval and beautifully transparent crown.

In mid-April, *Gleditsia triacanthos* 'Sunburst' buds clear yellow leaves. Discreet, cream-coloured flowers appear in June. The leaves are oval, lanceolate and pinnate, and turn a fresh shade of yellow-green in summer. In autumn, the Golden honey locust displays a lovely golden yellow autumn colour. The long, black legumes that hang from the tree in autumn are very characteristic, though they are few. The bark is light grey-brown with deep furrows at an older age.

Dryness, air pollution, salt spray and brief floods are well tolerated by the *Gleditsia triacanthos* 'Sunburst'. The yellow-leaved cultivar can be widely used on streets and lanes, but is also used a lot on squares and in parks. And in large gardens, it is a real eye-catcher, that does not produce heavy shade with its transparent crown. With a nectar value and pollen value of 5, this species is a fantastic bee tree. *Gleditsia triacanthos* 'Sunburst' thrives in a sunny environment, somewhat sheltered from wind, in both dry and moist soil, with a neutral to acidic pH value.

#### **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, multi-stem umbrella, pleached

#### 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, urban planting

## CHARACTERISTICS

Crown shape: ovoid | Crown structure: open | Height: 8 - 12 m | Width: 4 - 8 m | Winter hardiness zone: 5A - 8B

### **ASPECTS**

Wind: slightly tolerant to wind | Soil: loess, sabulous clay, light clay, sand, loamy soil | Nutrient level: moderately rich in nutrients, rich in nutrients | Soil moisture level: dry, moist | 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, pendulous, flower-scented | Flower colour: cream-yellow | Flowering period: June - July | Leaf colour: buds yellow, yellow-green | Leaves: deciduous, ovoid, lanceolate, pinnate, Nitrogen fixing | Autumn colour: golden yellow | Fruits: rarely fruits, pod | Fruit colour: black | Bark colour: grey-brown | Bark: smooth, later on rough | Twig colour: yellow-green | Twigs: thornless, striped, zigzagging | Root system: deep, highly branched, fleshy roots



