

# *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



### 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, Prairie 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, 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