

# Liquidambar styraciflua 'Moraine'

American sweetgum 'Moraine', sweet gum 'Moraine', red-gum 'Moraine', star-leaved gum 'Moraine', alligator-wood

Moraine



*Liquidambar styraciflua* 'Moraine' (American sweetgum 'Moraine', sweet gum 'Moraine', red-gum 'Moraine', star-leaved gum 'Moraine', alligator-wood 'Moraine') was selected in 1980 by the American garden and landscape architects' firm Siebenthaler Company in Dayton, Ohio. It is a medium-sized tree up to a height of twelve metres with a pyramidal, semi-open to open crown between four and six metres wide. *Liquidambar styraciflua* 'Moraine' exhibits many similarities with the species but remains slightly smaller and has a somewhat bigger, brighter green and shinier leaf.

At the end of April or early May the selection 'Moraine' bears unremarkable yellow-green flower spikes. After flowering the tree is not known to have any fruits. The palmate, thick and leathery leaf emerges bright green and only relatively late in the year takes on its autumn colouring, ranging from yellow-orange, orange-red to red violet. *Liquidambar styraciflua* 'Moraine' has a grey, notched bark and only older branches feature the typical corky fissures.

Sweet gum 'Moraine' forms a good street and avenue tree provided a thorough substrate very well suited to improving the habitat of trees has been applied. But the cultivar will also thrive in parks and (large) gardens. The tree was selected owing to its good hardiness but is rather sensitive to wind unfortunately. So, give *Liquidambar styraciflua* 'Moraine' a protected, sunny site on moist to wet, acid to neutral soil for best growth.

## TYPES OF PLANTING

**Tree types:** standard trees, feathered trees, shade trees

## USE

**Location:** street, avenue, square, car park / parking lot, park, central reservation, large garden, cemetery | **Pavement:** none, open, sealed

## CHARACTERISTICS

**Crown shape:** wide egg-shaped | **Crown structure:** semi-open | **Height:** 10 - 12 m | **Width:** 4 - 6 m | **Winter hardiness zone:** 5B - 10B

## ASPECTS

**Wind:** slightly tolerant to wind | **Soil:** loess, sabulous clay, peaty, light clay, sand, loamy soil | **Nutrient level:** moderately rich in nutrients, rich in nutrients | **Soil moisture level:** moist, wet | **Light requirements:** sun | **pH range:** acidic, neutral

## PLANTKENMERKEN

**Flowers:** spikes, discrete | **Flower colour:** yellow-green | **Flowering period:** April - May | **Leaf colour:** bright green | **Leaves:** deciduous, palmate, big, thick, leathery, polished, lacinate, crenate, lobate | **Autumn colour:** yellow-orange, orange-red, red-violet | **Fruits:** no fruit | **Bark colour:** grey | **Bark:** furrowed | **Twig colour:** brown-green | **Twigs:** bare, corky | **Root system:** deep, shallow, fleshy roots, central root

