



Tilia americana



Height	25 - 30 m, fast growing
Width	10-15m
Crown	broad ovoid to rounded, half-open crown
Bark and branches	grey, slightly grooved, young twigs olive green
Leaf	broad ovoid, base of the leaf slanted heart shape, dark green, 10 - 20 cm
Flowers	pendulous umbels of 6 - 15 flowers, pale yellow, late July, fragrant flowers
Fruits	round to elliptical, greyish, short felt-like hair, Ø approx. 0.9 cm
Spines/thorns	None
Toxicity	usually not toxic to people, (large) pets and livestock
Soil type	places little demands, not on soil that is too dry
Paving	tolerates no paving
Winter hardiness zone	5b (-26,0 to -23,4 °C)
Wind resistance	good
Other resistances	resistant to frost (WH 1 - 6), can withstand wind
Fauna tree	resistant to frost (WH 1 - 6), can withstand wind, valuable for butterflies
Application	avenues and broad streets, industrial areas
Shape	clearstem tree
Origin	eastern and central United States

Fairly fast grower with a loose crown that eventually reaches a maximum height of approx. 30 m. Young trees have smooth, grey bark, but older trees have regular, shallow grooves. Young twigs are smooth and olive green, often reddish brown on the top and side facing the sun. The leaves are remarkably large and taper to an abrupt point at the top. The base of the leaf is a slanted heart shape and the edge is sharp and roughly serrated. The upper side of the leaf is dark green while the underside is light green. Starting in July, umbels of aromatic, pale yellow flowers appear. The individual flowers are approx. 1.2 cm in diameter, the bract is pale yellow and approx. 11 cm long. T. americana has many deep lateral roots and is rarely used as an avenue or street tree because of its broad crown.