



Tilia americana 'Moltkei'



Height	25 - 30 m
Width	15-20m
Crown	broad ovoid to rounded, half-open crown
Bark and branches	grey with shallow grooves, young twigs olive green
Leaf	broad ovoid, base of the leaf slanted heart shape, dark green, 15 - 20 cm
Flowers	pendulous umbels of 6 - 15 flowers, pale yellow, late July, fragrant flowers
Fruits	round to elliptical, greyish, light 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	Späth Baumschulen, Berlin, Germany, before 1880
Synonyms	Tilia ×moltkei

An old cultivar of the American linden originally assumed to be a hybrid. The crown is loose, broad and ovoid to rounded. 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 twigs and branches often hang down slightly. 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 roughly serrated. The upper side of the leaf is dark green while the underside is light green with light grey felt-like hair. Umbels of aromatic, pale yellow flowers the same as those of *T. americana* appear starting in June. This is the best-suited nectar-producing tree for beekeepers. 'Moltkei' is rarely used as an avenue or street tree because of its broad crown.