



Tilia monticola



Height	15-20 m
Width	8-12m
Crown	broad oval, dark, dense crown
Bark and branches	grey
Leaf	green
Flowers	light yellow, flowers in June
Fruits	ovoid, brown felt-like hair
Spines/thorns	None
Toxicity	usually not toxic to people, (large) pets and livestock
Soil type	all types, preferably well-permeable
Paving	tolerates no paving
Winter hardiness zone	6 (-23,3 to -17,8 °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
Shape	clearstem tree, multi-stem treem

Tilia monticola is a large tree with a dense crown growing 15-20 m tall. The crown is oval at a young age, but will later become broadly oval. The annual branches are a striking red colour, especially on the sunny side. The grey bark is slightly grooved. The large leaves are ovate to broadly ovate and hang down ever so slightly. On the upper side, the leaves are a glossy dark green. The underside is densely felted greyish-white, never brownish-white. When moved by the wind, the light undersides of the leaves create a sparkling effect. Flowers appear in July in pendulous corymbs with up to 10 flowers together. The individual flowers are about 1 cm in size. They are followed by egg-shaped, felty brown haired fruits.

Naturally, T. monticola grows in mountainous regions in the US states of North Carolina, Tennessee and Virginia. Some taxonomists consider T. monticola to be synonymous with T. americana, the typical characteristics being considered "falling within natural variation". It is also closely related to T. heterophylla, which in turn is also sometimes considered a variety of T. americana.

Tilia monticola grows in any permeable soil and is suitable for use in wide avenues, as a park tree or in gardens. Does not tolerate paving.