

Tilia americana 'Nova'

Nova American Linden



Tilia americana 'Nova' is a cultivar of the American linden that originated in the Netherlands or Germany in the 1950s. The tree reaches a mature height of approximately twenty to twenty five meters and a width of fifteen to twenty meters. American linden 'Nova' develops a broadly ovate, semi open crown with a strong central leader and lateral branches that spread gracefully from an early age.

The healthy foliage of *Tilia americana* 'Nova' is particularly striking. The leaves are large, measuring ten to twenty centimeters, with an asymmetrical heart shaped base, an ovate blade with a pointed tip, and a serrated margin. In summer, the foliage is glossy dark green with a lighter green underside, while in autumn it turns yellow. An additional reason to plant this tree is its abundant flowering at a relatively young age. Flowering occurs in July, with hanging clusters of light yellow, pleasantly scented flowers. After flowering, small, light gray, elliptical nutlets develop, softly covered with felt like hairs. The bark is smooth and gray, later developing shallow fissures. The young twigs of cultivar 'Nova' are olive green, smooth and thick, often showing a reddish brown sheen on the sun exposed side.

American linden 'Nova' is an excellent tree for avenues, wide streets and parks, where its generous crown and fast growth can be fully appreciated. It performs best on moderately moist, well drained soils and prefers sites in full sun to partial shade. Although this tree is not suitable for planting in paving and is highly susceptible to aphids, *Tilia americana* 'Nova' is very winter hardy, tolerant of wind and heat, and an outstanding nectar source for bees, making it well worth planting.

SEASONAL COLOURS



TYPES OF PLANTING

Tree types: standard trees, multi-stemmed trees, shade trees

USE

Location: avenue, park, large garden, cemetery, traffic areas, industrial zones, countryside | **Pavement:** none | **Planting concepts:** Eco planting, Landscape planting, shade-tolerant

CHARACTERISTICS

Crown shape: wide egg-shaped | **Crown structure:** semi-open | **Height:** 20 - 25 m | **Width:** 15 - 20 m | **Winter hardiness zone:** 5B - 8B

ASPECTS

Wind: tolerant to wind | **Soil:** loess, sabulous clay, peaty, heavy clay, light clay, sand, loamy soil, all soils | **Nutrient level:** moderately rich in nutrients, rich in nutrients | **Soil moisture level:** dry, moist | **Light requirements:** sun, partial shade, shade | **pH range:** acidic, neutral, alkaline | **Host plant/forage plant:** bees, butterflies, nectar value 5, pollen value 5 | **Extreme environments:** tolerates air pollution, tolerates heat

PLANTKENMERKEN

Flowers: corymbose, striking, pendulous, flower-scented | **Flower colour:** pale yellow | **Flowering period:** July - July | **Leaf colour:** dark green, underside pale green | **Leaves:** deciduous, ovate, cordate, big, serrate | **Autumn colour:** yellow | **Fruits:** discrete, nut | **Fruit colour:** grey | **Bark colour:** grey | **Bark:** slightly furrowed, smooth, later on rough | **Twig colour:** red-brown, olive green | **Twigs:** bare, thickly branched | **Root system:** deep, extensive, highly branched, central root