

Tilia × flavescens 'Glenleven'

Glenleven linden



Tilia × flavescens 'Glenleven' is a hybrid linden resulting from a cross between *Tilia americana*, the American basswood, and *Tilia cordata*, the small leaved lime. This cultivar was selected in 1963 in Canada by Sheridan Nurseries. 'Glenleven' is a fast growing, medium sized to large tree that reaches an ultimate height of approximately fifteen to twenty meters and a width of about eight to twelve meters. The crown is oval to narrowly ovate, with a strong central leader and relatively upright branching, giving the tree a slender and straight silhouette.

The leaves of Glenleven linden are heart shaped with a glossy dark green upper surface and a slightly lighter underside. They are larger than those of *Tilia cordata*, but smaller and less coarse than the foliage of *Tilia americana*. The leaf stalks and veins are distinctly yellow. Flowering occurs around June and July, when 'Glenleven' produces light yellow, fragrant flowers in hanging clusters. These flowers are highly attractive to pollinators. After flowering, small, round fruits develop that are lightly ribbed and woody. Young twigs are yellow green, while the bark is gray to gray green, initially smooth and later developing a furrowed texture with age.

Thanks to its upright growth habit, winter hardiness and tolerance of challenging conditions, *Tilia × flavescens* 'Glenleven' is particularly well suited for avenues, streets and urban applications. This linden tolerates air pollution, drought and urban heat, making it an excellent choice for city environments. The tree grows on a wide range of soils, but performs best on well drained, fertile soils, preferably loam or light clay. A planting site in full sun to light shade encourages abundant flowering. Unlike some other lindens, 'Glenleven' shows low susceptibility to aphids, which helps limit problems with honeydew. As a result, *Tilia × flavescens* 'Glenleven' is a low maintenance and durable choice for both public spaces and large scale avenue plantings.

SEASONAL COLOURS



TYPES OF PLANTING

Tree types: standard trees, multi-stemmed trees, shade trees | **Topiary on stem:** branched candlestick, espalier, pleached

USE

Location: street, avenue, square, car park / parking lot, park, central reservation, large garden, cemetery, traffic areas, industrial zones, countryside, ecological zone | **Pavement:** none, open, sealed | **Planting concepts:** Eco planting, Landscape planting, urban planting

CHARACTERISTICS

Crown shape: ovoid, narrow egg-shaped | **Crown structure:** dense | **Height:** 15 - 20 m | **Width:** 8 - 12 m | **Winter hardiness zone:** 5A - 7B

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:** moist | **Light requirements:** sun, partial 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, limited to rare infestation by lice

PLANTKENMERKEN

Flowers: corymbose, striking, pendulous, strongly scented | **Flower colour:** cream-yellow | **Flowering period:** June - July | **Leaf colour:** dark green, underside pale green | **Leaves:** deciduous, cordate, big, dentate | **Autumn colour:** yellow | **Fruits:** discrete, small, nut | **Fruit colour:** grey-brown | **Bark colour:** grey-brown | **Bark:** slightly furrowed, smooth, later on rough | **Twig colour:** yellow-green | **Twigs:** bare, vertical branches | **Root system:** deep, shallow, extensive, roots push up surface