



## Tilia mandshurica



|                              |                                                                             |
|------------------------------|-----------------------------------------------------------------------------|
| <b>Height</b>                | 20 m                                                                        |
| <b>Width</b>                 | 10-15m                                                                      |
| <b>Crown</b>                 | round, half-open crown                                                      |
| <b>Bark and branches</b>     | twigs purplish red, bark grey, later slightly grooved                       |
| <b>Leaf</b>                  | broad oval to crooked heart-shaped, 6 - 15 (20) cm bright green             |
| <b>Autumn colour</b>         | yellow                                                                      |
| <b>Flowers</b>               | in corymbs of 7 - 10, cream ♂ brown hairs, July                             |
| <b>Fruits</b>                | round, light brown hairy                                                    |
| <b>Spines/thorns</b>         | None                                                                        |
| <b>Toxicity</b>              | usually not toxic to people, (large) pets and livestock                     |
| <b>Soil type</b>             | any, provided well-drained                                                  |
| <b>Soil moisture</b>         | suitable for dry soil                                                       |
| <b>Paving</b>                | tolerates paving                                                            |
| <b>Winter hardiness zone</b> | 5b (-26,0 to -23,4 °C)                                                      |
| <b>Wind resistance</b>       | good                                                                        |
| <b>Other resistances</b>     | resistant to frost (WH 1 - 6), can withstand wind                           |
| <b>Fauna tree</b>            | resistant to frost (WH 1 - 6), can withstand wind, valuable for butterflies |
| <b>Application</b>           | avenues and broad streets, industrial areas                                 |
| <b>Shape</b>                 | clearstem tree, multi-stem treem                                            |
| <b>Origin</b>                | Northeast Asia                                                              |

Large tree with a round crown, up to approx. 20 m. The young twigs are purplish red with soft, grey, felt-like hair. The leaves are broad oval to crooked heart-shaped with a pointed tip. The top is bright green and the underside has dense, silver grey hair. The leaves vary greatly in size. The length ranges from 6 to 15 cm and can even exceed 20 cm in length. The tree blossoms in July with creamy brown hairy flowers in pendent corymbs. They are followed by round, equally light brown hairy fruits. It is a somewhat inconspicuous tree that is best described as the Asian counterpart of the silver lime (*T. tomentosa*). Trees introduced from areas with a continental climate can suffer badly from night frost. Trees introduced from areas with less of a continental climate cope better.