



# Ulmus pumila



|                              |                                                                     |
|------------------------------|---------------------------------------------------------------------|
| <b>Height</b>                | 8-12 m                                                              |
| <b>Width</b>                 | 6-10m                                                               |
| <b>Crown</b>                 | broad conical, half-open crown                                      |
| <b>Bark and branches</b>     | brown, grey                                                         |
| <b>Leaf</b>                  | green                                                               |
| <b>Flowers</b>               | light green, flowers in March                                       |
| <b>Fruits</b>                | greenbrown                                                          |
| <b>Spines/thorns</b>         | None                                                                |
| <b>Toxicity</b>              | usually not toxic to people, (large) pets and livestock             |
| <b>Soil type</b>             | loamy soil, sandy soil, calcareous soil                             |
| <b>Soil moisture</b>         | suitable for dry soil, suitable for wet soil, withstand short flood |
| <b>Paving</b>                | tolerates paving                                                    |
| <b>Winter hardiness zone</b> | 4 (-34,4 to -28,9 °C)                                               |
| <b>Wind resistance</b>       | fairly                                                              |
| <b>Other resistances</b>     | resistant to frost (WH 1 - 6)                                       |
| <b>Application</b>           | avenues and broad streets, industrial areas                         |
| <b>Shape</b>                 | clearstem tree                                                      |

Medium-size to large tree with broad pyramidal crown. Usually grows to 8 - 12 m but can reach 15 m in the right circumstances. The originally Asian species is resistant to Dutch elm disease, which makes *Ulmus pumila* a good hybrid parent. The tree is also very drought-tolerant and tolerates a strongly alkaline soil. Originally from a continental climate and despite its hardiness, it often has some difficulty with the unsettled winters of North-West Europe's maritime climate. In the first half of the 20th century, it was used on a large scale in the USA to combat wind erosion.