



## Ulmus glabra



<b>Height</b>	25 - 35 (40) m, fast growing
<b>Width</b>	15-20m
<b>Crown</b>	broad ovoid, dark, dense crown
<b>Bark and branches</b>	bark dark grey, remains smooth for a long time, twigs greyish-brown
<b>Leaf</b>	broad ovoid to oval, dark green, with very rough hairs, 8 - 16 cm
<b>Autumn colour</b>	yellow
<b>Flowers</b>	short-stalked dense bundles, brownish-violet, March, before the leaves emerge
<b>Fruits</b>	winged with nutlet in the centre, obovate, light red seed
<b>Spines/thorns</b>	None
<b>Toxicity</b>	usually not toxic to people, (large) pets and livestock
<b>Soil type</b>	moist and light, favours calcareous soils
<b>Soil moisture</b>	suitable for wet soil, withstand short flood, withstand long flood
<b>Paving</b>	tolerates no paving
<b>Winter hardiness zone</b>	5a (-28,8 to -26,1 °C)
<b>Wind resistance</b>	good, also as regards sea wind
<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, coastal areas
<b>Shape</b>	clearstem tree, multi-stem treem
<b>Origin</b>	Europe, Western Asia, Caucasus

Stately tree with a dense crown, the lowest branches somewhat pendulous. Height up to 40 m, breadth to approx. 20 m. The bark remains smooth for a long time but later develops shallow grooves. Young twigs are greyish-brown with whitish hairs, later grey. The large leaves are asymmetrical, very rough and dark green. On the underside they are light green and hairy. In the autumn they turn yellow. The asymmetrical foot of the leaf covers one side of the short stalk, a characteristic of elm leaves. The brownish-violet flowers appear before the emergence of the leaves. The fruits, winged nutlets, are spread by the wind. *U. glabra* is not often used. Because it produces few root suckers it is often used as rootstock. Sometimes this leads to an impossible union causing the tree to snap at the point of the graft. Sensitive to Dutch elm disease.