



## Fagus orientalis



|                              |                                                         |
|------------------------------|---------------------------------------------------------|
| <b>Height</b>                | 25 - 30 (40) m                                          |
| <b>Width</b>                 | 20-25m                                                  |
| <b>Crown</b>                 | round, dark, dense crown                                |
| <b>Bark and branches</b>     | bark soft, thin, grey and smooth                        |
| <b>Leaf</b>                  | oval to reverse ovate, light green, 6 - 12 cm           |
| <b>Autumn colour</b>         | yellow                                                  |
| <b>Flowers</b>               | small, inconspicuous catkins, May                       |
| <b>Fruits</b>                | nuts, 1 - 2 cm large cups, brush-like prickled          |
| <b>Spines/thorns</b>         | None                                                    |
| <b>Toxicity</b>              | usually not toxic to people, (large) pets and livestock |
| <b>Soil type</b>             | well-drained, humus rich soil, not too wet              |
| <b>Paving</b>                | tolerates no paving                                     |
| <b>Winter hardiness zone</b> | 6a (-23,3 to -20,6 °C)                                  |
| <b>Wind resistance</b>       | moderate                                                |
| <b>Other resistances</b>     | resistant to frost (WH 1 - 6)                           |
| <b>Application</b>           | avenues and broad streets                               |
| <b>Shape</b>                 | clearstem tree, feathered tree                          |
| <b>Origin</b>                | S.E. Europe, Caucasus, Asia Minor, North Iran           |

A tree that, especially as a sapling, grows more rapidly than *F. sylvatica*. The shape of the crown is therefore more upright than with *F. sylvatica*, with a more pointed top and straight upright trunk. The upright pointed branches are more diagonally placed than *F. sylvatica*, which makes the crown denser. The soft bark is rather thin and greyish in colour. Young twigs and leaves are thickly haired. The reverse ovate to oval (almost diamond shaped) leaves are fresh green, 6 - 12 cm large and have a yellow autumn colour. Inconspicuous flowering in small catkins, followed by 1 - 2 cm large nuts in a brush-like woody covering. The tree is best used as a park tree. Prefers well-drained, not too wet, humus rich soil and is moderately wind-tolerant.