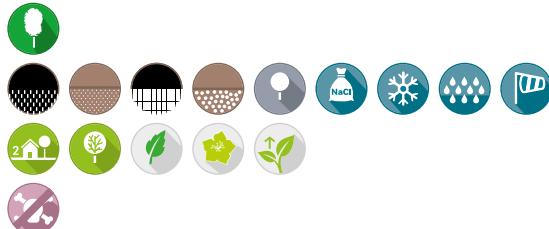




Quercus robur 'Irtha'



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|-----------------------------|---|
| Height | 6 - 10 m |
| Crown | round, half-open crown |
| Bark and branches | twigs reddish brown, bark dark grey, deeply grooved |
| Leaf | obovate, pinnately cleft to pinnately parted, lobes narrow and very deeply dissected, dark green, 5 - 14 cm |
| Flowers | green-yellow catkins, 2 - 4 cm, May |
| Fruits | ovate to oval, 1.5 - 2.5 cm, in groups of 2 - 6, cupule with triangular contiguous scales |
| Spines/thorns | None |
| Toxicity | usually not toxic to people, (large) pets and livestock |
| Soil type | fertile and moist |
| Soil moisture | suitable for wet soil |
| Paving | tolerates no paving |
| Winter hardness zone | 5a (-28,8 to -26,1 °C) |
| Wind resistance | good |
| Other resistances | resistant to frost (WH 1 - 6), can withstand wind, resistant to de-icing salt |
| Application | avenues and broad streets, parks, cemeteries, industrial areas, large gardens |
| Shape | clearstem tree |
| Origin | Bömer Tree Nursery, Zundert, the Netherlands, circa 1985 |

This tree originated as a seedling, probably from *Q. robur 'Cristata'* or *'Strypemonde'*. Grows more slowly than the species and remains smaller. It grows to a medium-size tree, 6 to 10 m tall with a somewhat irregular round crown. The bark and twigs are like those of the species, but the leaf is totally different. It is very deeply pinnately cleft to pinnately parted with narrow lobes that are also slightly dissected. The lobes are also slightly twisted. The striking leaf gives 'Irtha' a graceful appearance. Its modest size, for a *Q. robur*, makes it not only suitable as a park tree, but also for use in wide avenues.