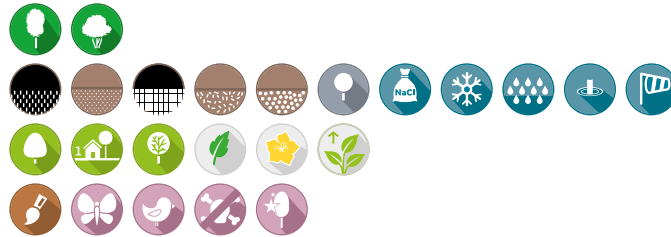




# Quercus palustris 'Helmond's Red Globe'



|                              |                                                                                                        |
|------------------------------|--------------------------------------------------------------------------------------------------------|
| <b>Height</b>                | 20 - 25 m, fast growing                                                                                |
| <b>Width</b>                 | 6-10m                                                                                                  |
| <b>Crown</b>                 | broad ovoid, half-open crown                                                                           |
| <b>Bark and branches</b>     | twigs olive green, bark grey, smooth to shallow grooved                                                |
| <b>Leaf</b>                  | ovate to broad elliptical, roughly lobed, glossy dark green, 7 - 15 cm                                 |
| <b>Autumn colour</b>         | red                                                                                                    |
| <b>Flowers</b>               | golden coloured catkins, May                                                                           |
| <b>Fruits</b>                | flat-topped spherical, approx. 1 cm                                                                    |
| <b>Spines/thorns</b>         | None                                                                                                   |
| <b>Toxicity</b>              | usually not toxic to people, (large) pets and livestock                                                |
| <b>Soil type</b>             | any, preferably fertile                                                                                |
| <b>Soil moisture</b>         | suitable for wet soil, withstand short flood                                                           |
| <b>Paving</b>                | tolerates no paving                                                                                    |
| <b>Winter hardiness zone</b> | 5a (-28,8 to -26,1 °C)                                                                                 |
| <b>Wind resistance</b>       | good                                                                                                   |
| <b>Other resistances</b>     | resistant to frost (WH 1 - 6), can withstand wind, resistant to de-icing salt                          |
| <b>Fauna tree</b>            | resistant to frost (WH 1 - 6), can withstand wind, resistant to de-icing salt, provides food for birds |
| <b>Application</b>           | avenues and broad streets, industrial areas                                                            |
| <b>Shape</b>                 | clearstem tree, multi-stem treem                                                                       |
| <b>Origin</b>                | Helmond, the Netherlands, before 2005                                                                  |
| <b>Synonyms</b>              | Quercus palustris 'Helmond'                                                                            |

A tree that grows well and is quite slender when young. Eventually the tree gets a very regular broad ovoid crown, 20 to 25 m tall. Fairly open branched with olive green young twigs. The older branches and bark are grey. The bark is smooth to shallow grooved. The ovate to broad elliptical leaf is lobed to around halfway along the leaf blade. It is glossy dark green, turning deep red to reddish brown in autumn. The tree was noticed as an avenue tree in the town of Helmond and after propagation was named after the place it was found. Grows in almost any soil, tolerates air pollution and can also cope with a moist soil.