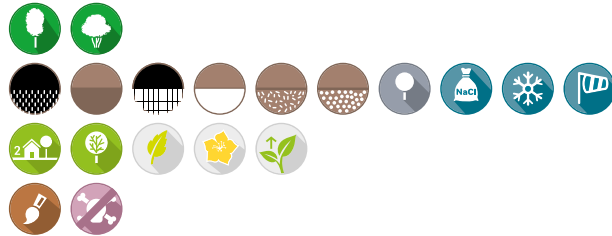




## Quercus rubra 'Magic Fire'



|                              |                                                                               |
|------------------------------|-------------------------------------------------------------------------------|
| <b>Height</b>                | 8 - 15 m                                                                      |
| <b>Width</b>                 | 8-15m                                                                         |
| <b>Crown</b>                 | broad oval, eventually round, half-open crown                                 |
| <b>Bark and branches</b>     | twigs brown-red, bark grey, stays smooth for a long time                      |
| <b>Leaf</b>                  | oval, pinnately cleft, yellow and green, 12 - 20 cm                           |
| <b>Autumn colour</b>         | yellow, orange                                                                |
| <b>Flowers</b>               | golden yellow ♂ catkins, 5 - 8 cm, May                                        |
| <b>Fruits</b>                | broad ovoid, 2 - 2.5 cm, cupule with small triangular contiguous scales       |
| <b>Spines/thorns</b>         | None                                                                          |
| <b>Toxicity</b>              | usually not toxic to people, (large) pets and livestock                       |
| <b>Soil type</b>             | any, few requirements                                                         |
| <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>Application</b>           | industrial areas                                                              |
| <b>Shape</b>                 | clearstem tree, multi-stem treem                                              |
| <b>Origin</b>                | Before 2001                                                                   |

Medium-size to large tree with a broad, eventually round crown growing to around 15 m. The young twigs are brown-red and the year-old twigs are particularly striking in winter. The old bark is grey, stays smooth for a long time and is eventually shallow grooved. On emerging, the leaves are golden yellow. They are oval and roughly pinnately cleft with irregular, sharply serrated lobes. In summer the leaf turns from yellow to green, then yellow to yellow-orange in autumn before falling. The blossom and fruit are the same as on the species. The broad ovoid acorns measure 2 to 2.5 cm and are up to a quarter enclosed by the cupule. The cupule itself is covered with small triangular contiguous scales. A tree with few demands, suitable for parks, avenues and wide streets.