



## Ulmus laevis 'Helena'



<b>Výška</b>	18-22 m, fast growing
<b>Koruna</b>	columnar, half-open crown
<b>Kôra a vetvy</b>	grey
<b>Listy</b>	green
<b>Jesenné sfarbenie</b>	Žltá
<b>Kvety</b>	red, flowers in March
<b>Plody</b>	red
<b>Trne</b>	Žiadny
<b>Jedovatosť</b>	Zvyčajne nie je jedovaté pre ľudí a väčšie zvieratá
<b>Typ pôdy</b>	loamy soil, sandy soil, peaty soil, calcareous soil
<b>Pôdna vlhkosť</b>	Odolné voči krátkodobému zaplaveniu
<b>Spevnené plochy</b>	Toleruje spevnenie
<b>Zóna odolnosti</b>	5 (-28,8 do -23,4 °C)
<b>Odolnosť voči vetru</b>	fairly
<b>Ostatná odolnosť</b>	Odolné mrazu (WH 1–6), Odolné vetru
<b>Stromy pre zvieratá a hmyz</b>	Odolné mrazu (WH 1–6), Odolné vetru, Cenné pre motýle
<b>Použitie</b>	bulváre a široké ulice
<b>Tvar</b>	Vysokokmeň

'Helena' is a medium to large tree with a broad columnar to later oval crown that grows 15-25 tall. The young, brown-green, twigs are hairy and the old bark is dark grey and slightly grooved. The leaves are like those of the species *U. laevis*; inversely ovate and slightly glossy dark green. In autumn, it turns a beautiful yellow. The red blooms occur before the leaves sprout, so the small flowers are still somewhat conspicuous. 'Helena' grew from seed harvested from trees of *U. laevis* in an avenue in Eibergen. One of the seedlings stood out in 2007 for its uniform growth, was selected and introduced seven years later as 'Helena'. Although *U. laevis* is not completely resistant to Dutch elm disease, infections are rare in nature. In addition, 'Helena' is less susceptible to aphid infestations than other elms. The tree tolerates (sea) wind, temporarily very wet soil but also temporary drought.