



Zelkova serrata



Výška	10 - 12 (30) m
Šírka	10-12m
Koruna	broad fan-shaped to rounded, half-open crown, capricious growing
Kôra a vetvy	grey, flaking trunk with orange-brown bast
Listy	ovoid to elongated, top tapered, soft green, 7 - 13 cm
Jesenné sfarbenie	Žltá, Oranžová, Červená
Kvety	unremarkable, unisexual, monoecious, green, April/May
Plody	small bean-like fruit, 0.4 – 0.5 cm
Trne	Žiadny
Jedovatosť	Zvyčajne nie je jedovaté pre ľudí a väčšie zvieratá
Typ pôdy	humus, moist, loamy
Spevnené plochy	Toleruje spevnenie
Zóna odolnosti	6a (-23,3 do -20,6 °C)
Odolnosť voči vetru	moderate
Ostatná odolnosť	Odolné mrazu (WH 1–6)
Použitie	bulváre a široké ulice, stromy do nádob
Tvar	Vysokokmeň, Viackmeň
Pôvod	China, Korea, Japan

A tree with a loose, broad and semi-open crown. The trunk is usually branched with several sturdy main branches. The grey trunk is smooth at first with pink to brownish orange lenticels, but later it flakes off in flat sheets revealing the orange-brown bast underneath. Young twigs are green and hairy at first, later turning bare and reddish brown. The ovoid to elongated leaves are soft green and turn a bronzy red and orange-yellow in the autumn. The top is long and tapers to a point and the leaf edge has single teeth tapering to a point. Zelkova has an unremarkable manner of flowering followed by small, bean-like fruit. The tree is related to the elm (Ulmus) but is different in that the flowers of Zelkova are unisexual and of Ulmus are hermaphroditic. The fruit of Ulmus are dry and winged, while Zelkova has drupes. Zelkova serrata is valued for its attractive manner of growth and the dark green leaves that turn to various shades of red and orange in the autumn.