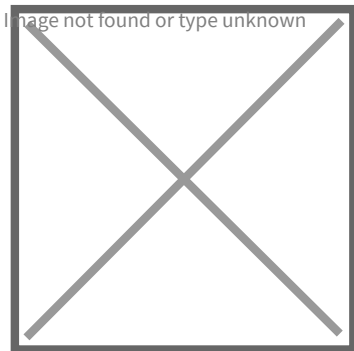




Liquidambar styraciflua



Výška	25 - 30 (40) m, fast growing
Šírka	15-20m
Koruna	pyramidal, later broad ovoid, half-open crown, capricious growing
Kôra a vetvy	dark grey, deeply grooved, corky wings on branches and twigs
Listy	palmate lobed, 5-lobed, dark green, 8 - 16 cm long
Jesenné sfarbenie	Žltá, Oranžová, Červená, Fialová
Kvety	yellowish-green, unremarkable, April/May
Plody	round, spiky fruit capsule on a long stalk, approx. 3 - 3.5 cm in length
Trne	Žiadny
Jedovatosť	Zvyčajne nie je jedovaté pre ľudí a väčšie zvieratá
Typ pôdy	fertile loamy soil
Pôdna vlhkosť	Vhodné do vlhkých pôd, Odolné voči krátkodobému zaplaveniu, Odolné voči dlhodobému zaplaveniu
Spevnené plochy	Toleruje spevnenie
Zóna odolnosti	5b (-26,0 do -23,4 °C)
Odolnosť voči vetru	moderate
Ostatná odolnosť	Odolné mrazu (WH 1–6)
Použitie	bulváre a široké ulice
Tvar	Vysokokmeň, Vetvený, Viackmeň
Pôvod	eastern North America

In its natural habitat it grows to 40 m in height but when cultivated it seldom grows taller than 25 - 30 m. The crown grows in a narrow pyramidal manner at first with an ascending, vertical trunk. When the tree is older the branches grow out wider so that the crown becomes ovoid. The grey trunk has deep grooves. Young twigs are yellowish-green and turn reddish-brown. Older branches develop thick grey corky wings that sometimes fall off. The leaves are 5-lobed (sometimes 7-lobed) and the leaf edge is serrated. They are 8 - 16 cm long and 10 - 20 cm wide. The intense autumn colours are varied: wine-red with yellow, orange and violet and all kinds of shades. When the tree is planted on a humid site the leaves turn more violet. The fruit capsules appear after the unremarkable flowering and they remain hanging on the tree until deep into winter. Is not resistant to long-lasting dry periods. Because the trunk is almost dead straight up to the top of the crown, the sweet gum is eminently useful as an avenue tree.