



Betula alleghaniensis



Height	circa 20 m
Crown	narrow pyramidal, half-open crown, capricious growing
Bark and branches	yellow brown, small curved plates, lenticels horizontal
Leaf	ovoid to oval, green, 6 - 11 cm
Autumn colour	yellow
Flowers	catkins, yellow green, mid-April, May, 5 - 9 cm
Fruits	fruit catkins, 1.5. - 2.5 cm
Spines/thorns	None
Toxicity	usually not toxic to people, (large) pets and livestock
Soil type	tolerates fairly moist soils
Soil moisture	suitable for wet soil
Paving	tolerates no paving
Winter hardiness zone	3 (-40,0 to -24,5 °C)
Wind resistance	moderate to good
Other resistances	resistant to frost (WH 1 - 6)
Application	parks, cemeteries, large gardens
Shape	clearstem tree
Origin	eastern North America
Synonyms	Betula lutea

Average-sized, fast-growing tree with a narrow, pointed crown. As the tree matures it gets wider and may even get a round shape. In the wild there are sometimes specimen of 30 m. The bark is yellowish to silver grey and flaking. The older bark turns to red brown. The twigs are strong and green brown. The dark-green leaf is ovoid to oval and acuminate. The underside of the leaf is yellow green and haired along the veins. The leaf margin is double-toothed. The leaf unfolds late in spring and falls early. The autumn colour is yellow. Female upright catkins mid-April, before the leaf appears. Male catkins are 5 - 9 cm big and appear in May. A graceful park tree that is little cultivated. Prefers moist soil, but also thrives in drier locations.