



## Phellodendron japonicum



<b>Height</b>	7 - 10 m
<b>Crown</b>	broad fan-shaped to rounded, half-open crown, capricious growing
<b>Bark and branches</b>	bark grey-brown, grooved, young twigs reddish-brown
<b>Leaf</b>	imparipinnate, with 9 - 13 leaf segments, dark green, 25 - 35 cm, feathered leaf
<b>Autumn colour</b>	yellow
<b>Flowers</b>	green, in large felt-like plumes 8 - 9 cm long, May/June
<b>Fruits</b>	spherical fleshy drupe (berry), black, Ø 0.7-0.9 cm
<b>Spines/thorns</b>	None
<b>Toxicity</b>	usually not toxic to people, (large) pets and livestock
<b>Soil type</b>	all types, preferably nutritious and humic
<b>Paving</b>	tolerates no paving
<b>Winter hardiness zone</b>	5b (-26,0 to -23,4 °C)
<b>Wind resistance</b>	good
<b>Other resistances</b>	resistant to frost (WH 1 - 6)
<b>Fauna tree</b>	resistant to frost (WH 1 - 6), provides food for birds
<b>Application</b>	parks, cemeteries, large gardens
<b>Shape</b>	clearstem tree
<b>Origin</b>	Central Japan

A tree with a sturdy vertical trunk from which branches grow widespread and extended, eventually leading to a fan-shaped rounded crown. *Phellodendron japonicum* remains smaller than *P. amurense* and has a thinner bark. The bark is grey-brown and develops fine grooves: later small bark plates form. The twigs turn from reddish-brown to even brown. The imparipinnate leaves, covered with velvety hair, consist of ovoid leaf segments with a tapered pointed leaf end, 7 - 12 cm long. The leaves turn yellow in the autumn and remain longer on the tree than those of *P. amurense*. The greenish flower plumes are downy and approx. 8 - 9 cm in length and breadth. They are followed by fruit in the form of black drupes (berries) that smell of turpentine. They remain hanging in the tree the entire winter. Saplings especially are sensitive to frost.