



Alnus glutinosa 'Imperialis'



Height	6 - 10 (12) m
Width	4-6m
Crown	wide pyramidal, half-open crown
Bark and branches	young twigs purple grey, trunk later grey and fissured
Leaf	very delicate, deeply cut, green, 3 - 8 cm
Flowers	catkins, ♂ brown yellow, ♀ oval, March/April
Fruits	ovate strobiles
Spines/thorns	None
Toxicity	usually not toxic to people, (large) pets and livestock
Soil type	moist to wet, not too poor
Soil moisture	suitable for wet soil, withstand short flood, withstand long flood
Paving	tolerates no paving
Winter hardiness zone	3 (-40,0 to -24,5 °C)
Wind resistance	good
Other resistances	resistant to frost (WH 1 - 6), can withstand wind, resistant to de-icing salt
Application	coastal areas, industrial areas
Shape	clearstem tree, multi-stem treem
Origin	unknown, before 1859

Grows from shrub into a graceful, average-sized tree. The growth is slow and it takes very long before it gets a real tree shape. Therefore it is less suitable for avenues and streets. The alternate leaf remains smaller than of the species, it is deeply cut and the entire lobes are linear. In autumn it remains long on the tree. The stalked buds and the young twigs are sticky to the touch (glutinosa = sticky). Female flowers are inconspicuous, male flowers come in brown yellow 7 cm long catkins. The strobiles appear from September onward and remain long on the tree. Besides a decorative leaf, the tree also has a fine habit with drooping twigs. The tree roots strongly with a branching main root. Poor tolerance to hard surfaces.