



Betula ROYAL FROST ('Penci-2')



Height	10 - 16 m
Width	5-7m
Crown	pyramidal to oval, half-open crown
Bark and branches	white, barely peeling
Leaf	ovate, glossy reddish brown
Autumn colour	yellow, orange
Flowers	yellow-green catkins, late April/early May
Fruits	yellowish-brown fruiting catkins
Spines/thorns	None
Toxicity	usually not toxic to people, (large) pets and livestock
Soil type	few requirements, not too dry
Paving	tolerates partial paving
Winter hardiness zone	4 (-34,4 to -28,9 °C)
Wind resistance	good
Other resistances	resistant to frost (WH 1 - 6), can withstand wind
Application	avenues and broad streets
Shape	clearstem tree, multi-stem tree
Origin	Evergreen Nursery Co. Inc., Sturgeon Bay, WI, USA, 2006
Synonyms	Betula pendula 'Royal Frost'

Vigorous, medium-size tree with a regular, pyramidal crown. The first year twigs are dark brown to purple. The older bark is white and barely peels. The leaf emerges brownish red and turns reddish brown during the summer. Depending on the location, it can turn yellow to orange in autumn. Originated from a cross between *B. populifolia* 'Whitespire' and *B. pendula* 'Crimson Frost'. It is a strong tree that grows well. The combination of a white bark with dark leaves make it good for use as a solitary tree or in small groups. Also suitable as an avenue or street tree, due to the pyramidal crown.