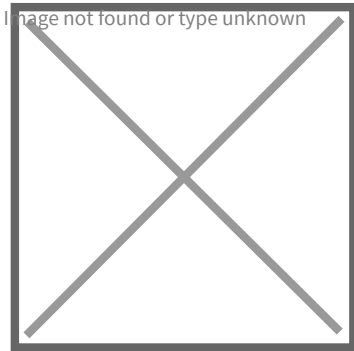




Pinus mugo subsp. uncinata



Height	20-25 m
Width	6-10m
Crown	pyramidal to broad oval, dark, dense crown
Bark and branches	grey, black flaking
Leaf	green, evergreen
Flowers	light yellow may
Fruits	brown
Spines/thorns	None
Toxicity	usually not toxic to people, (large) pets and livestock
Soil type	all
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
Application	coastal areas, industrial areas
Shape	clearstem tree, multi-stem treem, specimen conifer
Origin	U.S. National Arboretum, Washington D.C., USA, 2002

Pinus mugo subsp. *uncinata* is a tree-forming subspecies of *Pinus mugo* native to the western part of its range; in Spain, the Pyrenees Jura and western Alps. Forms a large tree 20 - 25 m tall with a regular broad oval crown. The crown is densely branched and shows very full and compact. Needles always in bundles of two together, 3 - 6 cm long and often slightly curved. The needles are dark green. Very suitable for small groups or solitary use in parks and gardens. This subspecies differs from the typical *Pinus mugo* in that the plant grows tree-like and the cones are always crooked, where in *P. mugo* they are much more regular in shape. Considered a separate species by some taxonomists and then called *Pinus uncinata*. Hardiness zone: 3