



Pinus mugo



Height	3 - 5 m
Width	3-5m
Crown	broad conical, dark, dense crown, capricious growing
Bark and branches	twigs green-brown to red-brown, bark gray to black-grey, flaking in small rectangular plates
Leaf	stiff needles, pointing forward, 2 together, 3 - 8 cm long, light to dark green
Flowers	♂ yellow to light red, ♀ reddish, brown on ripening
Fruits	oval cones, 2 - 6 cm long and up to 4.5 cm wide, dark reddish brown to black brown
Spines/thorns	None
Toxicity	usually not toxic to people, (large) pets and livestock
Soil type	clayed soil, loamy soil, sandy soil, peaty soil, acid soil, all soil types
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	tree containers, roof gardens, coastal areas, industrial areas, small gardens, patio gardens
Shape	clearstem tree, multi-stem treem, specimen conifer

Pinus mugo is a highly variable species; from low, almost creeping shrubs to, especially in the western part of its range in Spain, a small tree. Pinus mugo usually forms a flattened to round, densely branched plant. The stiff needles are variable in length and colour. They always stand together in bundles of two, sometimes three. As a shrub, it can become groups in public areas along roads or at roundabouts, in parks, large gardens and cemeteries. As a small tree, P. mugo is suitable for use in small groups or solitary. Common in the Alps and other mountainous regions of central and southern Europe. In cultivation, mainly the numerous cultivars with a compact or even dwarf-like growth habit are used. The tree-shaped clones are used significantly less frequently. While these are still beautiful small trees with dense, compact crowns.