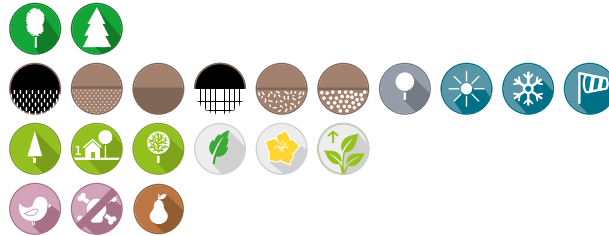




# Pinus ponderosa



<b>Height</b>	20 - 30 (65) m
<b>Width</b>	8-12m
<b>Crown</b>	narrow conical, light, open crown
<b>Bark and branches</b>	twigs orange-brown, bark orange-yellow to red-brown with dark brown to brown-black markings, flaking in large rectangular and elongated plates
<b>Leaf</b>	stiff needles, slightly twisted, 2 - 3 together, 15 - 25 cm long, green
<b>Flowers</b>	bright (purple) red, yellow when ripening green
<b>Fruits</b>	broad-oval to oval-round, 5 - 12 cm long, reddish brown
<b>Spines/thorns</b>	None
<b>Toxicity</b>	usually not toxic to people, (large) pets and livestock
<b>Soil type</b>	clayed soil, loamy soil, sandy soil, peaty soil, acid soil, all soil types
<b>Paving</b>	tolerates no paving
<b>Winter hardiness zone</b>	5a (-28,8 to -26,1 °C)
<b>Wind resistance</b>	good
<b>Other resistances</b>	resistant to frost (WH 1 - 6), can withstand wind
<b>Fauna tree</b>	resistant to frost (WH 1 - 6), can withstand wind, provides food for birds
<b>Application</b>	industrial areas
<b>Shape</b>	clearstem tree, specimen conifer

Pinus ponderosa is a large to very large tree. In cultivation 20 - 30 m tall, but in California to over 60 m tall. It forms a very regular, densely branched crown. Initially the crown is narrow pyramidal, later it widens slightly. The long needles are dark green with narrow lenticel stripes on both sides. Very distinctive are the large (up to more than 30 cm) exfoliating plates of the older bark. Also characteristic is that the twigs smell of turpentine when damaged.

Pinus ponderosa has a very wide distribution range, growing from sea level to an altitude of over 3,000 m. The fact that the tree is quite soil-resistant and quite resistant to forest fires has contributed to this wide range. It is an important timber supplier in the USA. The wood is used in construction, furniture making, flooring, stairs and as veneer. It is also processed into board and pulp. But the relatively open forests that Pinus ponderosa naturally forms are also attractive as recreational areas. Applicable as a solitary tree in parks and large gardens. But also as avenue tree in wide avenues and greenbelts.