



Bristlecone Pine in the Landscape

Bristlecone Pine

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Description: Evergreen conifer. It prefers dry, well drained, rocky soils in open sun. This plant has an irregular habit and is 20'-25' tall and 15'-20' wide at maturity. Very slow growing. Bristlecone pine can be used as a specimen for its unique habit. Plant is a very long lived tree. This tree is used by birds as habitat. Hardy to zone 2.



Cultural Requirements:

<ul style="list-style-type: none"> • Native habitat 	Native from CA to NV and UT. This is a sub alpine plant found naturally in the 7,500 to 11,000 foot elevation range
<ul style="list-style-type: none"> • Soil 	Rocky, dry, well drained, pH 6.5-7.5.
<ul style="list-style-type: none"> • Cold Hardiness 	Zones 2-6
<ul style="list-style-type: none"> • Drought Tolerance 	Medium to High
<ul style="list-style-type: none"> • Water Tolerance (tolerance) 	Intolerant

to wet soils)	
• Salt Tolerance	None
• Sun/Shade Preference	Full sun, shade intolerant
• Transplanting	Deep roots, hard to transplant from wild
• Propagation	Seed
• Maintenance	Periodic irrigation, good drainage. Do not prune.
• Special Problems	Pine blister rust, mountain pine beetle, Western dwarf mistletoe

Landscape Value:

• Use in Landscape	Specimen tree, bonsai, naturalized areas						
• Foliage	Dark green, stiff, ¾"-2" needle in sets of 5						
• Root system	Deep, wide spreading laterals						
• Cone	2 ¾" – 3 ½" red brown cone						
	April	May	June	July	Aug	Sept	Oct
• Flower Color & Timing							
• Form	Irregular						
• Texture	Medium						
• Size	20'-25'						
• Growth Rate	Very slow						
• Plant Community	Subalpine						
• Availability and Cultivars	No known cultivars. Low availability						

Compiled by: Skyler Westergard

More Photos



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Bibliography

Mee, W., J. Barnes, R. Kjelgren, R. Sutton, T. Cerny, C. Johnson. 2003. *Water Wise; Native Plants for Intermountain Landscapes*. Logan, Utah : Utah State University Press, 2003.

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