

Pinus brutia

(Turkish Pine)

“Two wild Pine species, the Aleppo and the Brutian Pines, grow in Lebanon in pure or mixed pine-oak forests at elevations up to 1800 meters above sea level. The trees can be up to 25 meters high, and their canopies are round, flat topped, or open, with irregular branches. The shapes of trees growing along the coast are often distorted by the wind. The two species are similar except for slight differences in cone shape and arrangement relative to the stem. The cone of the Aleppo Pine is attached to the branch by a stalk, and it grows parallel to the branch. The Brutian Pine cone has no stalk, and it grows perpendicular to the branch. Both Aleppo and Brutian Pines are native to Lebanon and the eastern Mediterranean”

*Trees of Lebanon, 2014, Salma Nashabe Talhouk, Mariana M. Yazbek, Khaled Sleem, Arbi J. Sarkissian, Mohammad S. Al-Zein, and Sakra Abo Eid



Plant Image

Landscape Information
French Name: Pin de Calabre
Arabic Name: صنوبر بروتي
Plant Type: Tree
Origin: Mediterranean
Heat Zones: 1, 2, 3, 4, 5, 6, 7, 8, 9
Hardiness Zones: 7, 8, 9
Uses: Windbreak, Wildlife, Erosion control, Native to Lebanon
Size/Shape
Growth Rate: Fast
Tree Shape: Upright
Canopy Symmetry: Irregular
Canopy Density: Open
Canopy Texture: Coarse
Height at Maturity: 15 to 23 m
Spread at Maturity: 10 to 15 meters
Time to Ultimate Height: 20 to 50 Years

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Flower Image

Botanical Description

Foliage

Leaf Arrangement: Spiral

Leaf Venation: Nearly Invisible

Leaf Persistence: Evergreen

Leaf Type: Simple

Leaf Blade: 5 - 10 cm

Leaf Shape: Needle

Leaf Margins: Entire

Leaf Textures: Waxy

Leaf Scent: Pleasant

Color(growing season): Green

Color(changing season): Green

Flower

Flower Showiness: False

Trunk

Trunk Susceptibility to Breakage: Generally resists breakage

Number of Trunks: Single Trunk

Trunk Esthetic Values: Not Showy

Fruit

Fruit Type: Cones

Fruit Showiness: True

Fruit Size Range: 7 - 10

Fruit Colors: Brown

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Leaf Image

Horticulture Management

Tolerance

Frost Tolerant: Yes

Heat Tolerant: No

Drought Tolerant: Yes

Salt Tolerance: Poor

Requirements

Soil Requirements: Clay, Sand

Soil Ph Requirements: Neutral, Alkaline

Water Requirements: Low

Light Requirements: Full, Part

Management

Toxity: No

Invasive Potential: Yes

Susceptibility to Pests and Diseases: No

Pruning Requirement: No pruning at all

Fruit/ Leaves/ Flowers litter: No

Surface Rooting: No

Life Span: More than 50

Edible Parts: None

Plant Propagations: Seed

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Fruit Image



Bark Image



Other Image