## **Pinus halepensis**

## (Aleppo 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. Aleppo Pine is less cold-tolerant than Brutian Pine and its distribution is restricted to the southern part of the country"

\*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 d'Alep Arabic Name: صنوبر حلبي

Plant Type: Tree
Origin: Mediterranean

**Heat Zones:** 1, 2, 3, 4, 5, 6, 7, 8, 9, 10

Hardiness Zones: 9, 10

Uses: Bonsai, Espalier, Shade, Street, Native to

Lebanon

## Size/Shape

**Growth Rate:** Moderate

Tree Shape: oval

Canopy Symmetry: Irregular
Canopy Density: Medium
Canopy Texture: Medium
Height at Maturity: 15 to 23 m

**Spread at Maturity:** 10 to 15 meters **Time to Ultimate Height:** 20 to 50 Years

# **Pinus halepensis**

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Flower Image

#### **Botanical Description**

## **Foliage**

Leaf Arrangement: Spiral
Leaf Venation: Nearly Invisible
Leaf Persistance: Evergreen

Leaf Type: Simple
Leaf Blade: 5 - 10 cm
Leaf Shape: Needle
Leaf Margins: Entire

Leaf Textures: Waxy, Fine

Leaf Scent: Pleasant

Color(growing season): Green Color(changing season): Green

#### **Flower**

Flower Showiness: False

Flower Sexuality: Monoecious (Bisexual)

Flower Color: Yellow Seasons: Spring

#### **Trunk**

Trunk Susceptibility to Breakage: Generally

resists breakage

Number of Trunks: Single Trunk
Trunk Esthetic Values: Fissured

#### Fruit

Fruit Type: Cones Fruit Showiness: True Fruit Size Range: 7 - 10 Fruit Colors: Brown

Seasons: Spring

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Leaf Image

### **Horticulture Management**

#### **Tolerance**

Frost Tolerant: Yes
Heat Tolerant: Yes
Drought Tolerant: Yes
Salt Tolerance: Moderate

## Requirements

Soil Requirements: Loam, Sand Soil Ph Requirements: Acidic, Neutral

Water Requirements: Low Light Requirements: Full

## Management

Toxity: No

Invasive Potential: No

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

## **MORE IMAGES**





Bark Image

Fruit Image



Other Image