

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 حليبي

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

(Aleppo pine)



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, 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

Pinus halepensis

(Aleppo pine)



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