

Albizia julibrissin

(Silk tree)

Persian silk tree is weak, fast-growing and short-lived tree. It creates an umbrella shape canopy. The tree is originated from eastern Asia and became naturalized in temperate/ Mediterranean regions globally. Pleasing feather leaves fold up by night. The flower is fragrant silky white and pink appearing in the summer. The tree is very adoptable to all kind of condition. It grows best in full sun and most soils with average to good drainage. The root system grows very close to the base of the trunk. These can raise walks and patios as they grow in diameter and makes for poor transplanting success as the tree grows larger. Falling flowers and fruits also creates litter problem. Mimosa wilt is one of its widespread problems and kills many specimens.



©Photo by Monika Fabian

Plant Image

Landscape Information

French Name: Arbre de soie

Arabic Name: ألبيزيا زهرة الحرير

Pronunciation: al-BIZ-zee-uh joo-lih-BRISS-in

Plant Type: Tree

Origin: Asia

Heat Zones: 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16

Hardiness Zones: 6, 7, 8, 9, 10, 11, 12, 13

Uses: Specimen, Shade, Reclamation

Size/Shape

Growth Rate: Fast

Tree Shape: Vase

Canopy Symmetry: Irregular

Canopy Density: Open

Canopy Texture: Fine

Height at Maturity: 5 to 8 m

Spread at Maturity: 8 to 10 meters

Time to Ultimate Height: 5 to 10 Years

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Flower Image

Botanical Description

Foliage

Leaf Arrangement: Alternate

Leaf Venation: Pinnate

Leaf Persistence: Deciduous

Leaf Type: Bipinnately compound

Leaf Blade: Less than 5

Leaf Shape: Linear

Leaf Margins: Entire

Leaf Textures: Fine

Leaf Scent: No Fragrance

Color(growing season): Green

Color(changing season): Green

Flower

Flower Showiness: True

Flower Size Range: 3 - 7

Flower Type: Capitulum

Flower Sexuality: Monoecious (Bisexual)

Flower Scent: No Fragrance

Flower Color: Purple, Pink

Seasons: Spring, Summer

Trunk

Trunk Susceptibility to Breakage: Suspected to breakage

Number of Trunks: Multi-Trunked

Trunk Esthetic Values: Not Showy

Fruit

Fruit Type: Legume

Fruit Showiness: True

Fruit Size Range: 3 - 7

Fruit Colors: Brown

Seasons: Spring, Summer

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Leaf Image

Horticulture Management

Tolerance

Frost Tolerant: Yes

Heat Tolerant: Yes

Drought Tolerant: Yes

Salt Tolerance: Good

Requirements

Soil Requirements: Clay, Loam, Sand

Soil Ph Requirements: Acidic, Neutral

Water Requirements: Moderate

Light Requirements: Full

Management

Toxity: No

Invasive Potential: Yes

Susceptibility to Pests and Diseases: Yes

Pruning Requirement: Needed, to develop a strong structure

Fruit/ Leaves/ Flowers litter: Yes

Surface Rooting: Yes

Life Span: Less than 25

Edible Parts: None

Pests: Mites, Scales

Plant Propagations: Seed, Cutting

MORE IMAGES



Fruit Image



Bark Image



Other Image