

# 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

# Albizia julibrissin

(Silk tree)



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

---

# Albizia julibrissin

(Silk tree)



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