

Paulownia tomentosa

(Princess-Tree, Empress-Tree, Paulownia)

Paulownia Tomentosa is a native Chinese plant which has a dramatic, coarse-textured appearance. With a rapid growth rate, heart-shaped leaves and large slusters of flowers in spring, Princess -tree can reach approximately 15m of height. What is best for this tree to grow is the availability of deep, moist but well-drained soil, and protection from wind. In autumn, fuzzy, brown flower buds form, and persist over the winter, and bloom again in early spring.



Plant Image

Landscape Information

French Name: paulownia impérial

Pronunciation: pah-LOE-nee-uh toe-men-TOE-suh

Plant Type: Tree

Origin: Central China

Heat Zones: 4, 5, 6, 7, 8

Hardiness Zones: 5, 6, 7, 8, 9

Uses: Street, Pollution Tolerant / Urban, Reclamation

Size/Shape

Growth Rate: Fast

Tree Shape: Round, Vase

Canopy Symmetry: Irregular

Canopy Density: Medium

Canopy Texture: Coarse

Height at Maturity: 8 to 15 m

Spread at Maturity: 10 to 15 meters

Time to Ultimate Height: 1 to 2 Years

Paulownia tomentosa

(Princess-Tree, Empress-Tree, Paulownia)



Flower Image

Botanical Description

Foliage

Leaf Arrangement: Opposite

Leaf Venation: Palmate

Leaf Persistence: Deciduous

Leaf Type: Simple

Leaf Blade: 10 - 20

Leaf Shape: Ovate

Leaf Margins: Entire

Leaf Textures: Coarse

Leaf Scent: Pleasant

Color(growing season): Green

Color(changing season): Green

Flower

Flower Showiness: True

Flower Size Range: 1.5 - 3

Flower Type: Umbel

Flower Scent: Pleasant

Flower Color: Purple, White, Pink

Seasons: Spring

Trunk

Trunk Has Crownshaft: False

Trunk Susceptibility to Breakage: Suspected to breakage

Number of Trunks: Single Trunk

Trunk Esthetic Values: Not Showy, Fissured

Fruit

Fruit Type: Capsule

Fruit Showiness: True

Fruit Size Range: 3 - 7

Fruit Colors: Brown

Seasons: Spring

Paulownia tomentosa

(Princess-Tree, Empress-Tree, Paulownia)



Leaf Image

Horticulture Management

Tolerance

Frost Tolerant: Yes

Heat Tolerant: No

Drought Tolerant: Yes

Salt Tolerance: Poor

Requirements

Soil Requirements: Clay, Loam, Sand

Soil Ph Requirements: Acidic, Neutral, Alkaline

Water Requirements: Moderate

Light Requirements: Full, Part, Shade

Management

Invasive Potential: No

Susceptibility to Pests and Diseases: Yes

Pruning Requirement: Needed, to develop a strong structure

Fruit/ Leaves/ Flowers litter: Yes

Surface Rooting: Yes

Life Span: 25-50 years

Diseases: Powdery Mildew, Leaf Spots, Canker

Edible Parts: None

Plant Propagations: Seed

MORE IMAGES



Fruit Image



Bark Image



Other Image