

Plumeria alba

(White Frangipani)

Frangipani is a native to the tropical areas but does well in any frost free areas. The branches and stems are thick and fleshy. The tree has a typical V shape. The bark is tender and when cut white sap appears which can be irritant. The flowers are large funnel shaped , white and yellow in the middle with an amazing fragrance. When flowers drop can make litter around. The plant can tolerate drought and some salt.



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Plant Image

Landscape Information

French Name: Frangipanier à fleurs blanches

Pronunciation: ploo-MEER-ee-uh AL-buh

Plant Type: Tree

Origin: Puerto Rico

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

Hardiness Zones: 9, 10, 11, 12, 13

Uses: Specimen, Container, Pollution Tolerant / Urban, Reclamation

Size/Shape

Growth Rate: Slow

Tree Shape: Vase

Canopy Symmetry: Symmetrical

Canopy Density: Open

Canopy Texture: Coarse

Height at Maturity: 8 to 15 m

Spread at Maturity: 8 to 10 meters

Time to Ultimate Height: 10 to 20 Years

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Flower Image

Botanical Description

Foliage

Leaf Arrangement: Alternate

Leaf Venation: Brachidodrome

Leaf Persistence: Deciduous

Leaf Type: Simple

Leaf Blade: 10 - 20

Leaf Shape: Obovate

Leaf Margins: Entire

Leaf Textures: Coarse

Leaf Scent: No Fragrance

Color(growing season): Green

Color(changing season): Yellow

Flower

Flower Showiness: True

Flower Size Range: 3 - 7

Flower Type: Solitary

Flower Sexuality: Monoecious (Bisexual)

Flower Scent: Pleasant

Flower Color: White

Seasons: Summer, Fall

Trunk

Trunk Susceptibility to Breakage: Suspected to breakage

Number of Trunks: Multi-Trunked, Can be trained to one trunk

Trunk Esthetic Values: Not Showy

Fruit

Fruit Type: Capsule

Fruit Showiness: True

Fruit Size Range: 7 - 10

Fruit Colors: Grey

Seasons: Summer, Fall

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Leaf Image

Horticulture Management

Tolerance

Frost Tolerant: No

Heat Tolerant: Yes

Drought Tolerant: Yes

Salt Tolerance: Good

Requirements

Soil Requirements: Loam, Sand

Soil Ph Requirements: Neutral, Alkaline

Water Requirements: Moderate, Low

Light Requirements: Full, Part

Management

Toxity: Yes

Invasive Potential: No

Pruning Requirement: Needed, to develop a strong structure

Fruit/ Leaves/ Flowers litter: Yes

Surface Rooting: No

Life Span: 25-50 years

Edible Parts:

Pests: Scales

Plant Propagations: Seed, Cutting

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Bark Image

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Other Image

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