

Leucaena leucocephala

(White leadtree)

Evergreen very invasive tree native to Mexico and Central America. The leaves are alternately arranged, bi-pinnately compound,. The bark is grayish-brown in color when mature. Flowers are white and grow in globe-shaped clusters Fruits are 10-15 cm flat pods that .Pods turn from green to brown with maturity, and contain 10–30 seeds. Grows best in full sun and in any type of soil.



Plant Image

Landscape Information

French Name: Faux mimosa, Faux acacia
Plant Type: Tree
Origin: Southern tropical America
Heat Zones: 8, 9, 10, 11, 12, 13, 14, 15
Hardiness Zones: 10, 11, 12
Uses: Shade, Windbreak, Erosion control, Pollution Tolerant / Urban
Size/Shape
Growth Rate: Fast
Tree Shape: oval
Canopy Symmetry: Irregular
Canopy Density: Open
Canopy Texture: Fine
Height at Maturity: 5 to 8 m
Spread at Maturity: 3 to 5 meters
Time to Ultimate Height: 5 to 10 Years

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Flower Image

Botanical Description

Foliage

Leaf Arrangement: Alternate

Leaf Venation: Nearly Invisible

Leaf Persistence: Semi Evergreen

Leaf Type: Bipinnately compound

Leaf Blade: 5 - 10 cm

Leaf Shape: Oblong

Leaf Margins: Entire, Ciliate

Leaf Textures: Smooth

Leaf Scent: No Fragrance

Color(growing season): Green

Color(changing season): Green

Flower

Flower Showiness: True

Flower Size Range: 1.5 - 3

Flower Sexuality: Monoecious (Bisexual)

Flower Scent: No Fragrance

Flower Color: White

Seasons: Year Round

Trunk

Trunk Susceptibility to Breakage: Suspected to breakage

Number of Trunks: Single Trunk

Trunk Esthetic Values: Not Showy

Fruit

Fruit Type: Legume

Fruit Showiness: True

Fruit Size Range: 7 - 10

Fruit Colors: Brown

Seasons: Year Round

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Leaf Image

Horticulture Management

Tolerance

Frost Tolerant: No

Heat Tolerant: Yes

Drought Tolerant: Yes

Salt Tolerance: Good

Requirements

Soil Requirements:

Soil Ph Requirements:

Water Requirements: Low

Light Requirements: Full, Part

Management

Toxity: Yes

Invasive Potential: Yes

Susceptibility to Pests and Diseases: No

Pruning Requirement: Needed, to develop a strong structure

Fruit/ Leaves/ Flowers litter: Yes

Surface Rooting: Yes

Life Span: 25-50 years

Edible Parts: None

Plant Propagations: Seed

MORE IMAGES



Fruit Image



Bark Image