

Acacia dealbata

(Mimosa, Silver Wattle)

Acacia dealbata is an evergreen tree or large shrub growing up to 30 m tall with smooth greyish-brown trunk. It can tolerate poor soil but must be well drained. It dislikes excessive humidity and calcarious soil. It is often planted for its abundance of small, beautiful, bright yellow flowers and fast growth and is typically a pioneer species after fire.



Plant Image

Landscape Information

French Name: Mimosa d'hiver, Mimosa blanchi,

Pronunciation: a-KAY-see-uh day-al-BAH-tuh

Plant Type: Tree

Origin: Australia

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

Hardiness Zones: 9, 10, 11

Uses: Erosion control, Reclamation

Size/Shape

Growth Rate: Fast

Tree Shape: Round, Spreading

Canopy Symmetry: Irregular

Canopy Density: Medium

Canopy Texture: Fine

Height at Maturity: 8 to 15 m

Spread at Maturity: 3 to 5 meters

Time to Ultimate Height: 10 to 20 Years

Notes

The root system produces suckers. It flowers in february in Lebanon, at a time where few trees are in bloom. It likes acidic soil. Usually it is grafted on Acacia retinoides's root stock. It is a very fast grower. Doesn't tolerate snow beacause it will break its branches. It is a specimen tree. In New Zealand it grows in waste places and along dry riverbeds, in South Africa it invades grasslands, roadsides and watercourses, and in California it grows in disturbed sites and along roadsides.

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Flower Image

Botanical Description

Foliage

Leaf Arrangement: Opposite

Leaf Venation: Parallel

Leaf Persistence: Evergreen

Leaf Type: Bipinnately compound

Leaf Blade: 5 - 10 cm

Leaf Shape: Linear

Leaf Margins: Entire

Leaf Textures: Smooth, Fine

Leaf Scent: No Fragrance

Color(growing season): Green, Blue-Green

Color(changing season): Green

Flower

Flower Showiness: True

Flower Size Range: 0 - 1.5

Flower Type: Panicle

Flower Sexuality: Monoecious (Bisexual)

Flower Scent: Pleasant

Flower Color: Yellow

Seasons: Spring

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: Legume

Fruit Showiness: True

Fruit Size Range: 3 - 7

Fruit Colors: Brown

Seasons: Spring

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Leaf Image

Horticulture Management

Tolerance

Frost Tolerant: No

Heat Tolerant: No

Drought Tolerant: Yes

Salt Tolerance: Poor

Requirements

Soil Requirements: Loam, Sand

Soil Ph Requirements: Acidic, Neutral, Alkaline

Water Requirements: Low

Light Requirements: Full

Management

Toxity: No

Invasive Potential: Yes

Susceptibility to Pests and Diseases: No

Pruning Requirement: Little needed, to develop a strong structure

Fruit/ Leaves/ Flowers litter: Yes

Surface Rooting: No

Life Span: 25-50 years

Edible Parts:

Pests: Mites, Mealy-Bug

Plant Propagations: Seed, Cutting

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