

Calophyllum brasiliense

(Santa maria, Brazil beauty-leaf)

The Santa Maria tree can be used as a street, parking lot, patio or shade tree. It can also be maintained as a shrub. When injured, the stems bleed a yellow colored latex; the wood is valuable for ship building. The bark is an attractive black color. One should remember that the fruit is poisonous and this can be an undesirable aspect under some circumstances when designing.



Plant Image

Landscape Information

Pronunciation: kal-oh-FILL-um bruh-sill-ee-EN-see

Plant Type: Tree

Origin: Central America, South America

Heat Zones: 8, 9, 10, 11, 12

Hardiness Zones: 10, 11

Uses: Screen, Espalier, Specimen, Container, Shade, Medicinal, Erosion control, Pollution Tolerant / Urban, Reclamation

Size/Shape

Growth Rate: Moderate

Tree Shape: Pyramidal, Round, oval

Canopy Symmetry: Irregular

Canopy Density: Dense

Canopy Texture: Coarse

Height at Maturity: 8 to 15 m, 15 to 23 m, Over 23

Spread at Maturity: 10 to 15 meters

Time to Ultimate Height: More than 50 Years

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Flower Image

Botanical Description

Foliage

Leaf Arrangement: Opposite

Leaf Venation: Pinnate

Leaf Persistence: Evergreen

Leaf Type: Simple

Leaf Blade: 5 - 10 cm

Leaf Shape: Oblong

Leaf Margins: Entire

Leaf Textures: Waxy, Smooth

Leaf Scent:

Color(growing season): Green

Color(changing season): Green

Flower

Flower Showiness: True

Flower Size Range: 3 - 7

Flower Sexuality: Monoecious (Bisexual)

Flower Scent: Pleasant

Flower Color: White

Seasons: Spring, Summer

Trunk

Trunk Susceptibility to Breakage: Generally resists breakage

Number of Trunks: Single Trunk

Fruit

Fruit Type: Dry

Fruit Showiness: True

Fruit Size Range: 3 - 7, 7 - 10

Fruit Colors: Green, Brown

Seasons: Spring, Summer

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Leaf Image

Horticulture Management

Tolerance

Frost Tolerant: No

Drought Tolerant: Yes

Salt Tolerance: Good

Requirements

Soil Requirements: Clay, Loam, Sand

Soil Ph Requirements: Acidic, Alkaline

Water Requirements:

Light Requirements: Full, Part, Shade

Management

Toxity: Yes

Invasive Potential: Yes

Susceptibility to Pests and Diseases: Yes

Pruning Requirement: Little needed, to develop a strong structure

Fruit/ Leaves/ Flowers litter: Yes

Surface Rooting: No

Edible Parts:

Plant Propagations: Seed, Cutting

MORE IMAGES



Fruit Image



Bark Image



Other Image