### Azadirachta indica

# (Neem tree)

Plant Image

Neem tree is native to tropcal dry areas such as India or Burma. The tree according to seasons might be evergreen or deciduous as it looses its leaves in drought condition. It has dark green compound leaves and very fragrant white flowers late spring. The fruit is an olive like drupe. This drought-tolerant tree is grown to prevent soil erosion and to help in soil conservation and improvement. Other than the that almost every part of the tree has some uses. Durable wood is used for furniture and lumber. Leaves and bark are used in teas, cosmetics, toothpaste, pet care and medicinal preparations. Dried leaves are used to deter moth. Twigs are used as tooth brushes. Neem oil<a href="http://www.missouribotanicalgarden.org/PlantFinder/%E2%80%9Chttp://www.mobot.org/gardeninghelp/plantfinder/pestd1.asp?ID=6%E2%80%9D"> </a> is a botanical insecticide, repellent and fungicide. In landscape the tree is used in hot and dry climates where is can withstand drought and heat. It has invasive potential.



#### **Landscape Information**

French Name: Margousier

Arabic Name: ڃريش

**Pronounciation:** ay-zad-ih-RAK-tuh IN-dih-kuh

Plant Type: Tree

Origin: Central America, northwestern Africa,

Madagasca

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

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

Uses: Screen, Hedge, Container, Shade

Size/Shape

**Growth Rate:** Moderate **Tree Shape:** Round, Upright

Canopy Symmetry: Irregular Canopy Density: Medium Canopy Texture: Fine

Height at Maturity: 15 to 23 m

Spread at Maturity: Over 15 meters

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Flower Image

## **Botanical Description**

## **Foliage**

Leaf Arrangement: Opposite
Leaf Venation: Nearly Invisible
Leaf Persistance: Semi Evergreen
Leaf Type: Odd Pinnately compund

Leaf Blade: 20 - 30 Leaf Shape: Linear Leaf Margins: Dentate Leaf Textures: Medium

**Leaf Scent:** 

Color(growing season): Green Color(changing season): Green

### **Flower**

Flower Showiness: True Flower Size Range: 10 - 20

Flower Type: Panicle

Flower Sexuality: Monoecious (Bisexual)

Flower Scent: Pleasant Flower Color: White

#### Trunk

Trunk Susceptibility to Breakage: Generally

resists breakage

Number of Trunks: Multi-Trunked, Can be

trained to one trunk

Trunk Esthetic Values: Not Showy

#### Fruit

Fruit Type: Drupe Fruit Showiness: True Fruit Size Range: 0 - 1.5

Fruit Colors: Yellow

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Leaf Image

## **Horticulture Management**

### **Tolerance**

Frost Tolerant: No Heat Tolerant: Yes Drought Tolerant: Yes Salt Tolerance: Poor

# Requirements

**Soil Requirements:** Clay, Loam, Sand **Soil Ph Requirements:** Acidic, Neutral **Water Requirements:** Moderate, Low

Light Requirements: Full

# Management

Toxity: Yes

Invasive Potential: Yes

Susceptibility to Pests and Diseases: No **Pruning Requirement:** Little needed, to

develop a strong structure

Fruit/ Leaves/ Flowers litter: No

Surface Rooting: No Edible Parts: None

Plant Propagations: Seed, Cutting

# **MORE IMAGES**





Bark Image Other Image