

Delonix regia

(Royal Poinciana)

Delonix regia is one of the most beautiful flowering tree in the world. The tree has a typical T shape which will allow to be used as a street trees. The leaves has a feathery look as they are double pinnate. The tree is semi deciduous meaning that in certain years might not drop its leaves . A dry period is needed for the flowering. It is known to be drought and salt tolerant therefore can be planted on seaside.



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Plant Image

Landscape Information

French Name: Flamboyant

Pronunciation: dee-LOE-nicks REE-jee-uh

Plant Type: Tree

Origin: Madagascar

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

Hardiness Zones: 10, 11, 12, 13

Uses: Specimen, Shade, Street, Pollution Tolerant / Urban

Size/Shape

Growth Rate: Fast

Tree Shape: Spreading, Vase

Canopy Symmetry: Symmetrical

Canopy Density: Medium

Canopy Texture: Fine

Height at Maturity: 8 to 15 m

Spread at Maturity: 10 to 15 meters, Over 15 meters

Notes

The tree has a typical T shape which will allow to be used as a street tree where space is enough. Note that artificial light, such as urban street lamps, can inhibit the natural formation of flowers on branches illuminated at night

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Flower Image

Botanical Description

Foliage

Leaf Arrangement: Alternate
Leaf Persistence: Semi Evergreen
Leaf Type: Bipinnately compound
Leaf Blade: Less than 5
Leaf Shape: Oblong
Leaf Margins: Entire
Leaf Textures: Fine
Leaf Scent: No Fragrance
Color(growing season): Green
Color(changing season): Green

Flower

Flower Showiness: True
Flower Size Range: 7 - 10
Flower Type: Solitary
Flower Sexuality: Monoecious (Bisexual)
Flower Scent: No Fragrance
Flower Color: Orange, Red
Seasons: Summer

Trunk

Trunk Has Crownshaft: False
Trunk Susceptibility to Breakage: Suspected to breakage
Number of Trunks: Multi-Trunked
Trunk Esthetic Values: Not Showy

Fruit

Fruit Type: Legume
Fruit Showiness: True
Fruit Size Range: Over 20 cm
Fruit Colors: Brown
Seasons: Summer

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Leaf Image

Horticulture Management

Tolerance

Frost Tolerant: No

Heat Tolerant: Yes

Drought Tolerant: Yes

Salt Tolerance: Poor

Requirements

Soil Requirements: Loam, Sand

Soil Ph Requirements: Acidic, Neutral, Alkaline

Water Requirements: Moderate

Light Requirements: Full

Management

Toxity: No

Invasive Potential: No

Susceptibility to Pests and Diseases: No

Pruning Requirement: Needed, to develop a strong structure

Fruit/ Leaves/ Flowers litter: No

Surface Rooting: Yes

Life Span: More than 50

Edible Parts: None

Pests: Caterpillars

Plant Propagations: Seed

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Fruit Image



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Bark Image



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