

## 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 ce planted on seaside.



©Photo by Monika Fabian

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

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### 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

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### 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

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### Trunk

**Trunk Has Crownshaft:** False

**Trunk Susceptibility to Breakage:** Suspected to breakage

**Number of Trunks:** Multi-Trunked

**Trunk Esthetic Values:** Not Showy

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### Fruit

**Fruit Type:** Legume

**Fruit Showiness:** True

**Fruit Size Range:** Over 20 cm

**Fruit Colors:** Brown

**Seasons:** Summer

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Leaf Image

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### Horticulture Management

#### Tolerance

**Frost Tolerant:** No

**Heat Tolerant:** Yes

**Drought Tolerant:** Yes

**Salt Tolerance:** Poor

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#### Requirements

**Soil Requirements:** Loam, Sand

**Soil Ph Requirements:** Acidic, Neutral, Alkaline

**Water Requirements:** Moderate

**Light Requirements:** Full

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#### 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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