

## Casuarina cunninghamiana

### (River-she oak)

Casuarina cunninghamiana is an evergreen tree with fine greyish green needle-like foliage. The tree is fast growing can reach 30-40 m. It has needle like leaves. It is widely used for reclamation, wind break or highly polluted areas. It can be planted on highly affected areas by salt.



Plant Image

#### Landscape Information

**French Name:** Pin australien

**Pronounciation:** kazh-yoo-ar-EYE-nuh kun-ing-ham-ee-AY-nuh

**Plant Type:** Tree

**Origin:** Australia

**Heat Zones:** 10, 11, 12, 13, 15, 16

**Hardiness Zones:** 9, 10, 11, 12, 13

**Uses:** Hedge, Windbreak, Erosion control, Pollution Tolerant / Urban, Reclamation

#### Size/Shape

**Growth Rate:** Fast

**Tree Shape:** Upright

**Canopy Symmetry:** Irregular

**Canopy Density:** Open

**Canopy Texture:** Fine

**Height at Maturity:** 15 to 23 m

**Spread at Maturity:** 10 to 15 meters

**Time to Ultimate Height:** 20 to 50 Years

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Flower Image

## Botanical Description

### Foliage

**Leaf Arrangement:** Whorled

**Leaf Persistence:** Evergreen

**Leaf Type:** Simple

**Leaf Blade:** Less than 5

**Leaf Shape:** Needle

**Leaf Margins:** Entire

**Leaf Textures:** Rough

**Leaf Scent:** No Fragrance

**Color(growing season):** Green

**Color(changing season):** Green

### Flower

**Flower Showiness:** False

**Flower Size Range:** 0 - 1.5

**Flower Sexuality:** Diecious (Monosexual)

**Flower Scent:** No Fragrance

**Flower Color:** Brown

**Seasons:** Summer, Fall

### Trunk

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

**Number of Trunks:** Single Trunk

**Trunk Esthetic Values:** Not Showy

### Fruit

**Fruit Showiness:** False

**Fruit Size Range:** 1.5 - 3

**Fruit Colors:** Brown

**Seasons:** Summer, Fall



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Leaf Image

## Horticulture Management

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### Tolerance

**Frost Tolerant:** No

**Heat Tolerant:** Yes

**Drought Tolerant:** Yes

**Salt Tolerance:** Good

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### Requirements

**Soil Requirements:** Clay, Loam, Sand

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

**Water Requirements:** Moderate, Low

**Light Requirements:** Full, Part

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### Management

**Toxity:** No

**Invasive Potential:** Yes

**Susceptibility to Pests and Diseases:** No

**Pruning Requirement:** Needed, to develop a strong structure

**Fruit/ Leaves/ Flowers litter:** No

**Surface Rooting:** No

**Life Span:** More than 50

**Edible Parts:**

**Plant Propagations:** Seed, Cutting

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