# 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.



### **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

Plant Image

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Flower Image

### **Botanical Description**

### **Foliage**

Leaf Arrangement: Whorled Leaf Persistance: Evergreen

Leaf Type: Simple

Leaf Blade: Less than 5
Leaf Shape: Needle
Leaf Margins: Entire
Leaf Textures: Rough
Leaf Scent: No Fragance

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 Fragance

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**

#### **Tolerance**

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

### Requirements

Soil Requirements: Clay, Loam, Sand

Soil Ph Requirements: Acidic, Neutral, Alkaline

Water Requirements: Moderate, Low

Light Requirements: Full, Part

### 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