

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

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
