

Grevillea robusta

(Silk-Oak, Silky oak, Silkoak tree)

Silk-Oak is a tall, evergreen tree native to Australia, where it is a valuable timber tree. It has green, fern-like leaves, with silvery undersides. In spring, it forms large clusters of yellow-orange flowers. It is fast growing and requires full sun and well-drained soil. It tolerates both heat and drought. Silk-Oak is susceptible to breakage in windy weather and develops mushroom root rot in poorly-drained soils.



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Plant Image

Landscape Information

French Name: Arbre à soie, Grévilier

Arabic Name: بلوط حريري

Pronunciation: grev-ILL-ee-uh roe-BUS-tuh

Plant Type: Tree

Origin: East Australia

Heat Zones: 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15

Hardiness Zones: 8, 9, 10, 11, 12, 13

Uses: Hedge, Specimen, Container, Shade

Size/Shape

Growth Rate: Fast

Tree Shape: Pyramidal, oval

Canopy Symmetry: Symmetrical

Canopy Density: Medium

Canopy Texture: Fine

Height at Maturity: 15 to 23 m, Over 23

Spread at Maturity: 5 to 8 meters

Time to Ultimate Height: 20 to 50 Years

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Flower Image

Botanical Description

Foliage

Leaf Arrangement: Alternate

Leaf Venation: Pinnate

Leaf Persistence: Evergreen

Leaf Type: Odd Pinnately compound

Leaf Blade: 5 - 10 cm

Leaf Shape: Lanceolate

Leaf Margins: Revolute, Parted

Leaf Textures: Fine

Leaf Scent: No Fragrance

Color(growing season): Green, Silver

Color(changing season): Green

Flower

Flower Showiness: True

Flower Size Range: 10 - 20

Flower Type: Raceme

Flower Sexuality: Monoecious (Bisexual)

Flower Scent: Pleasant

Flower Color: Yellow, Orange

Seasons: Spring

Trunk

Trunk Has Crownshaft: False

Trunk Susceptibility to Breakage: Suspected to breakage

Number of Trunks: Single Trunk

Trunk Esthetic Values: Showy

Fruit

Fruit Type: Capsule

Fruit Showiness: False

Fruit Colors: Black

Seasons: Spring

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Leaf Image

Horticulture Management

Tolerance

Frost Tolerant: Yes

Heat Tolerant: Yes

Drought Tolerant: Yes

Salt Tolerance: Poor

Requirements

Soil Requirements: Loam, Sand

Soil Ph Requirements: Acidic, Neutral

Water Requirements: Low

Light Requirements: Full

Management

Invasive Potential: No

Susceptibility to Pests and Diseases: No

Pruning Requirement: Little needed, to develop a strong structure

Fruit/ Leaves/ Flowers litter: Yes

Surface Rooting: No

Life Span: More than 50

Diseases: Root rot

Edible Parts:

Pests: Caterpillars

Plant Propagations: Seed

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