

Acacia mearnsii

(Black wattle)

Acacia mearnsii is a fast-growing evergreen tree with yellow flowers native to Australia. This plant is now known as one of the worst invasive species in the world but used for erosion control and land reclamation. It is an effective nitrogen fixer therefore improves soils around. Trees in their natural habitat have a spreading. Leaves dark green, alternate, feathery, with very soft hair



Plant Image

Landscape Information

French Name: Acacia noir
Pronunciation: a-KAY-see-uh MEARN-zee-eye
Plant Type: Tree
Origin: Australia
Heat Zones: 4, 5, 6, 7, 8
Hardiness Zones: 10, 11
Uses: Specimen, Shade, Erosion control, Reclamation
Size/Shape
Growth Rate: Fast
Tree Shape: Round
Canopy Symmetry: Symmetrical
Canopy Density: Medium
Canopy Texture: Medium
Height at Maturity: 5 to 8 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: Alternate

Leaf Venation: Nearly Invisible

Leaf Persistence: Evergreen

Leaf Type: Bipinnately compound

Leaf Blade: 10 - 20

Leaf Shape: Linear

Leaf Margins: Entire

Leaf Textures: Smooth, Fine

Leaf Scent: No Fragrance

Color(growing season): Green

Color(changing season): Green

Flower

Flower Showiness: True

Flower Size Range: 10 - 20

Flower Type: Panicle

Flower Sexuality: Monoecious (Bisexual)

Flower Scent: Pleasant

Flower Color: Yellow, White

Seasons: Spring, Winter

Trunk

Trunk Susceptibility to Breakage: Generally resists breakage

Number of Trunks: Can be trained to one trunk

Trunk Esthetic Values: Not Showy

Fruit

Fruit Type: Legume

Fruit Showiness: True

Fruit Size Range: 3 - 7

Fruit Colors: Brown

Seasons: Spring, Winter

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Leaf Image

Horticulture Management

Tolerance

Frost Tolerant: Yes

Heat Tolerant: No

Drought Tolerant: No

Salt Tolerance: Poor

Requirements

Soil Requirements: Clay, Loam, Sand

Soil Ph Requirements: Acidic, Neutral, Alkaline

Water Requirements: Moderate, Low

Light Requirements: Full

Management

Toxity: No

Invasive Potential: Yes

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

Edible Parts:

Pests: Caterpillars

Plant Propagations: Seed

MORE IMAGES



Fruit Image



Bark Image



Other Image