

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

<b>French Name:</b> Acacia noir
<b>Pronunciation:</b> a-KAY-see-uh MEARN-zee-eye
<b>Plant Type:</b> Tree
<b>Origin:</b> Australia
<b>Heat Zones:</b> 4, 5, 6, 7, 8
<b>Hardiness Zones:</b> 10, 11
<b>Uses:</b> Specimen, Shade, Erosion control, Reclamation
<b>Size/Shape</b>
<b>Growth Rate:</b> Fast
<b>Tree Shape:</b> Round
<b>Canopy Symmetry:</b> Symmetrical
<b>Canopy Density:</b> Medium
<b>Canopy Texture:</b> Medium
<b>Height at Maturity:</b> 5 to 8 m
<b>Spread at Maturity:</b> 10 to 15 meters
<b>Time to Ultimate Height:</b> 20 to 50 Years

## Acacia mearnsii

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Flower Image

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### 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

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#### 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

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#### Trunk

**Trunk Susceptibility to Breakage:** Generally resists breakage

**Number of Trunks:** Can be trained to one trunk

**Trunk Esthetic Values:** Not Showy

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#### 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

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#### Tolerance

**Frost Tolerant:** Yes

**Heat Tolerant:** No

**Drought Tolerant:** No

**Salt Tolerance:** Poor

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#### Requirements

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

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

**Water Requirements:** Moderate, Low

**Light Requirements:** Full

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#### 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

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## MORE IMAGES



Fruit Image



Bark Image



Other Image