

Macadamia integrifolia

(macadamia nut)

Macadamia nut is a large broadleaf evergreen tree originated from Australia and used for its delicious soft nuts. Leaves are long, flowers have a sweet fragrant. Two species of macadamia nuts are commercially grown today: M. integrifolia (smooth-shell type) and M. teteraphylla (rough-shell type). Ornamentally grown as shade trees with attractive spring flowers.



Plant Image

Landscape Information

French Name: Noix de macadamia

Arabic Name: مكاداميا كاملة الأوراق

Pronunciation: mak-uh-DAY-mee-a in-teg-ree-FOH-lee-uh

Plant Type: Tree

Origin: New South Wales

Heat Zones: 7, 8, 9, 10, 11, 12

Hardiness Zones: 9, 10, 11, 12

Uses: Specimen, Shade, Edible

Size/Shape

Growth Rate: Slow

Tree Shape: Round, oval

Canopy Symmetry: Symmetrical

Canopy Density: Medium

Canopy Texture: Coarse

Height at Maturity: 8 to 15 m

Spread at Maturity: 8 to 10 meters

Time to Ultimate Height: 20 to 50 Years

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Flower Image

Botanical Description

Foliage

Leaf Arrangement: Whorled

Leaf Venation: Pinnate

Leaf Persistence: Evergreen

Leaf Type: Simple

Leaf Blade: 10 - 20

Leaf Shape: Oblong

Leaf Margins: Entire, Dentate

Leaf Textures: Glossy, Coarse

Leaf Scent: No Fragrance

Color(growing season): Green

Color(changing season): Green

Flower

Flower Showiness: True

Flower Size Range: 10 - 20

Flower Type: Raceme

Flower Scent: Pleasant

Flower Color: White, Pink

Seasons: Spring, Winter

Trunk

Trunk Susceptibility to Breakage: Generally resists breakage

Number of Trunks: Single Trunk

Trunk Esthetic Values: Not Showy

Fruit

Fruit Type: Follicle

Fruit Showiness: True

Fruit Size Range: 1.5 - 3

Fruit Colors: Brown

Seasons: Fall

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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, Alkaline

Water Requirements: Low

Light Requirements: Full

Management

Toxity: No

Invasive Potential: No

Susceptibility to Pests and Diseases: No

Pruning Requirement: Little needed, to develop a strong structure

Fruit/ Leaves/ Flowers litter: No

Surface Rooting: No

Life Span: More than 50

Edible Parts: Fruit

Plant Propagations: Cutting, Grafting

MORE IMAGES



Fruit Image



Bark Image



Other Image