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.

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 |
### 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
### 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