

Cocos nucifera

(Coconut Palm)

The well-known Coconut Palm is distinguished by its enormous fruits, known as coconuts, which are edible. It is naturalized in coastal tropical areas around the world. It has large, pinnate leaves at the top of a smooth trunk. It thrives in full sun on well-drained soils. It can be used as a street tree, but with caution, as falling fruits can cause injury and damage. It is highly salt-tolerant.

Coconut Palm is greatly susceptible to lethal yellowing disease. It is highly recommended to choose resistant varieties; however, no variety is completely immune.



Plant Image

Landscape Information

French Name: Cocotier

Arabic Name: جوز الهند

Pronunciation: KOE-koase noo-SIFF-er-uh

Plant Type: Palm

Origin: Melanesia, Micronesia, Polynesia

Heat Zones: 10, 11, 12, 13, 14, 15, 16

Hardiness Zones: 10, 11, 12, 13

Uses: Specimen, Edible, Street, Pollution Tolerant / Urban, Reclamation

Size/Shape

Growth Rate: Moderate

Tree Shape: Upright, Palm

Canopy Symmetry: Symmetrical

Canopy Density: Open

Canopy Texture: Coarse

Height at Maturity: 15 to 23 m

Spread at Maturity: 3 to 5 meters, 5 to 8 meters

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Flower Image

Botanical Description

Foliage

Leaf Arrangement: Spiral

Leaf Venation: Parallel

Leaf Persistence: Evergreen

Leaf Type: Odd Pinnately compound

Leaf Blade: Over 80 cm

Leaf Shape: Linear

Leaf Margins: Entire

Leaf Textures: Glossy, Coarse

Leaf Scent: No Fragrance

Color(growing season): Green, Yellow

Color(changing season): Green, Yellow

Flower

Flower Showiness: False

Flower Sexuality: Monoecious (Bisexual)

Flower Scent: No Fragrance

Flower Color: Yellow, White

Seasons: Spring

Trunk

Trunk Has Crownshaft: True

Trunk Susceptibility to Breakage: Generally resists breakage

Number of Trunks: Single Trunk

Trunk Esthetic Values: Not Showy, Smooth

Fruit

Fruit Type: Drupe

Fruit Showiness: True

Fruit Size Range: Over 20 cm

Fruit Colors: Green, Yellow, Orange, Brown, Red

Seasons: Spring

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Leaf Image

Horticulture Management

Tolerance

Frost Tolerant: No

Heat Tolerant: Yes

Drought Tolerant: Yes

Salt Tolerance: Good

Requirements

Soil Requirements: Clay, Loam, Sand

Soil Ph Requirements: Acidic, Neutral, Alkaline

Water Requirements:

Light Requirements: Full

Management

Invasive Potential: Yes

Susceptibility to Pests and Diseases: Yes

Pruning Requirement: No pruning at all

Fruit/ Leaves/ Flowers litter: Yes

Surface Rooting: No

Life Span: 25-50 years

Diseases: Lethal Yellowing disease, Butt rot

Edible Parts: Fruit

Pests: Nematodes

Plant Propagations: Seed

MORE IMAGES



Fruit Image



Bark Image



Other Image

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