

Arenga pinnata

(Solitary Sugar Palm)

Syn: *Arenga saccharifera*, A large palm, with erect, 3m long leaves. The trunk is covered in a black fibrous hessian like material, while the leaf bases have long spines protecting them, The trunk is very massive. After it blooms, which doesn't occur before age 12-15 years, the plant dies. Need full sun, and lots of water, in a well drained position. Under drought condition the plant will delay flowering but still survive. Can be grown in warm temperate areas, but it is a much slower grower there. In far East Asia one of the main sugar source.



Plant Image

Landscape Information

French Name: Palmier à sucre

Pronunciation: aw-REN-guh pin-NAY-tuh

Plant Type: Palm

Origin: India, Southeast Asia, Malaysia, Indonesia

Heat Zones: 10, 11, 12

Hardiness Zones: 9, 10, 11, 12, 13

Uses: Specimen, Container, Edible

Size/Shape

Growth Rate: Fast

Tree Shape: oval

Canopy Symmetry: Symmetrical

Canopy Density: Open

Canopy Texture: Coarse

Height at Maturity: 8 to 15 m

Spread at Maturity: 8 to 10 meters

Time to Ultimate Height: 10 to 20 Years

Arenga pinnata

(Solitary Sugar Palm)



Flower Image

Botanical Description

Foliage

Leaf Arrangement: Opposite

Leaf Venation: Parallel

Leaf Persistence: Evergreen

Leaf Type: Odd Pinnately compound

Leaf Blade: Over 80 cm

Leaf Shape: Awl

Leaf Margins: Entire

Leaf Textures: Glossy, Medium

Leaf Scent: No Fragrance

Color(growing season): Green

Color(changing season): Green

Flower

Flower Showiness: True

Flower Size Range: Over 20

Flower Type: Spike

Flower Sexuality: Monoecious (Bisexual)

Flower Scent: Pleasant

Flower Color: Yellow

Seasons: Summer

Trunk

Trunk Has Crownshaft: False

Trunk Susceptibility to Breakage: Suspected to breakage

Number of Trunks: Single Trunk

Trunk Esthetic Values: Rough Texture, Spines

Fruit

Fruit Type: Berry

Fruit Showiness: True

Fruit Size Range: 3 - 7

Fruit Colors: Purple

Seasons: Summer

Arenga pinnata

(Solitary Sugar Palm)



Fruit Image

Horticulture Management

Tolerance

Frost Tolerant: Yes

Heat Tolerant: Yes

Drought Tolerant: No

Salt Tolerance: Poor

Requirements

Soil Requirements: Loam, Sand

Soil Ph Requirements: Acidic, Neutral

Water Requirements: Moderate, Low

Light Requirements: Full

Management

Toxity: Yes

Invasive Potential: Yes

Susceptibility to Pests and Diseases: No

Fruit/ Leaves/ Flowers litter: No

Surface Rooting: No

Life Span: Less than 25

Edible Parts: Fruit

Pests: Mites, Nematodes

Plant Propagations: Cutting

MORE IMAGES



Other Image