

Phoenix dactylifera

(Date Palm)

It a very slow growing palm tree.Often confused by P. canariensis which is much shorter and more ornamental looking species. It can reach 25 m at maturity. The trunk can reach 1 m in diameter and covered by diamond shaped pappern from old leaf scars. Leaves are long pinnate with sharp thorns at the base of the leaf stalk. Needs full sun and tolerant of salt. Extensively cultivated for fruit production.



Plant Image

Landscape Information

Pronunciation: FEE-nicks dack-till-IF-er-uh

Plant Type: Palm

Origin: North Africa

Heat Zones: 9, 10, 11, 12, 13, 14, 15, 16

Hardiness Zones: 9, 10, 11

Uses: Specimen, Mass Planting, Container, Edible, Wildlife

Size/Shape

Growth Rate: Slow

Tree Shape: oval

Canopy Symmetry: Symmetrical

Canopy Density: Open

Canopy Texture: Coarse

Height at Maturity: Over 23

Spread at Maturity: 1.5 to 3 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: 30 - 50

Leaf Shape: Linear

Leaf Margins: Entire

Leaf Textures: Rough

Leaf Scent: Unpleasant

Flower

Flower Showiness: False

Flower Scent: No Fragrance

Flower Color: White

Seasons: Spring, Fall

Trunk

Trunk Has Crownshaft: False

Trunk Susceptibility to Breakage: Suspected to breakage

Number of Trunks: Can be trained to one trunk

Fruit

Fruit Showiness: True

Fruit Size Range: 3 - 7

Fruit Colors: Yellow, Orange, Brown

Seasons: Spring, 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: Clay, Loam, Sand

Soil Ph Requirements: Acidic, Neutral, Alkaline

Water Requirements: Low

Light Requirements: Full

Management

Toxity: No

Susceptibility to Pests and Diseases: No

Mowing Height: 5 - 7 cm

Surface Rooting: Yes

Life Span: 25-50 years

Edible Parts: Fruit

Pests: Nematodes, Thrips

Plant Propagations: Cutting

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