

Archontophoenix alexandrae

(Alexandra Palm)

Archontophoenix alexandrae is a tall palm, about 25 metres tall with a spread of about 2 meters. The leaves have a tendency to rotate 90 degrees to expose the whole leaf in profile, The base of the petioles form a bright green crownshaft that the leaves rarely droop below. The trunk is smooth and ringed with noticeable leaf scars and the base can be noticeably swollen. Flowers are creamy flower stalks holding amythest purple flowers. The round fruit turn bright red at maturity. They do like more water than most palms, with some even thriving in poorly drained areas. It is quite a fast grower, averaging about 1/3 - 1 meter per year.



Plant Image

Landscape Information

French Name: Palmier royal

Pronunciation: ar-kawn-toe-FEE-nicks al-leck-SAN-dree

Plant Type: Palm

Origin: Australia

Heat Zones: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12

Hardiness Zones: 10, 11

Uses: Specimen, Mass Planting, Indoor, Container, Pollution Tolerant / Urban

Size/Shape

Growth Rate: Fast

Tree Shape: Palm

Canopy Symmetry: Symmetrical

Canopy Density: Open

Canopy Texture: Fine

Height at Maturity: 5 to 8 m

Spread at Maturity: 3 to 5 meters

Notes

Alexandra palm is a popular landscape specimen but is difficult to transplant; the bud must be protected when moving

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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: Leathery, Fine

Leaf Scent: No Fragrance

Color(growing season): Green

Color(changing season): Green

Flower

Flower Showiness: True

Flower Size Range: 10 - 20

Flower Type: Spike

Flower Sexuality: Monoecious (Bisexual)

Flower Scent: No Fragrance

Flower Color: Yellow, White

Seasons: Summer

Trunk

Trunk Has Crownshaft: True

Trunk Susceptibility to Breakage: Suspected to breakage

Number of Trunks: Single Trunk

Trunk Esthetic Values: Smooth, Colored

Fruit

Fruit Type: Berry

Fruit Showiness: True

Fruit Size Range: 1.5 - 3

Fruit Colors: Red

Seasons: Summer

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Leaf Image

Horticulture Management

Tolerance

Frost Tolerant: No

Heat Tolerant: Yes

Drought Tolerant: No

Salt Tolerance: Moderate

Requirements

Soil Requirements: Clay, Loam, Sand

Soil Ph Requirements: Acidic, Neutral

Water Requirements: High

Light Requirements: Full, Part

Management

Toxicity: No

Invasive Potential: No

Susceptibility to Pests and Diseases: No

Pruning Requirement: No pruning at all

Fruit/ Leaves/ Flowers litter: No

Surface Rooting: No

Life Span: 25-50 years

Edible Parts:

Plant Propagations: Seed

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Fruit Image



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Bark Image



Other Image