

Roystonea regia

(Royal palm)

Notably popular as street or specimen trees, Royal Palms make a neat, tidy, yet stately landscape element for large landscapes, often reaching 25 m in height. It has a tall, smooth, cement grey trunks. Leaves are feather look like, deep green. Flowers are incredibly fragrant, produced periodically throughout the year but mostly in summer. The old leaves should be removed before they drop since they can cause injury or damage to plants or property when allowed to fall. One leaf will fall about every month. Royal Palms grow quite rapidly when given an abundance of water and fertilizer in full sun or dappled shade. They withstand strong winds and salt spray very well It is not really suited for beach side planting as Sabal Palm is.



Plant Image

Landscape Information

French Name: Palmier royal

Pronunciation: roy-STOW-nee-uh REE-jee-uh

Plant Type: Palm

Origin: Florida, Cuba

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

Hardiness Zones: 10, 11, 12, 13

Uses: Specimen, Wildlife, Street, Pollution Tolerant / Urban

Size/Shape

Growth Rate: Moderate

Tree Shape: oval

Canopy Symmetry: Symmetrical

Canopy Density: Open

Canopy Texture: Fine

Height at Maturity: Over 23

Spread at Maturity: 3 to 5 meters

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Leaf Image

Botanical Description

Foliage

Leaf Arrangement: Alternate

Leaf Venation: Parallel

Leaf Persistence: Evergreen

Leaf Type: Odd Pinnately compound

Leaf Blade: Over 80 cm

Leaf Margins: Entire

Leaf Textures: Glossy

Leaf Scent: No Fragrance

Color(growing season): Green

Color(changing season): Green

Flower

Flower Showiness: True

Flower Sexuality: Monoecious (Bisexual)

Flower Scent: Pleasant

Flower Color: Yellow

Seasons: Spring

Trunk

Trunk Has Crownshaft: True

Trunk Susceptibility to Breakage: Suspected to breakage

Number of Trunks: Single Trunk

Trunk Esthetic Values: Showy

Fruit

Fruit Type: Drupe

Fruit Showiness: True

Fruit Size Range: 0 - 1.5

Fruit Colors: Red, Purple, Black

Seasons: Spring

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Bark 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: Moderate

Light Requirements: Full, Part

Management

Toxity: No

Susceptibility to Pests and Diseases: Yes

Mowing Height: 5 - 7 cm

Surface Rooting: Yes

Life Span: 25-50 years

Diseases: Root rot

Edible Parts: None

Pests: Nematodes, Thrips

Plant Propagations: Cutting

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