

Neodypsis decaryi

(Triangle Palm)

This palm is endemic to the Madagascar, and it thrives in poor, dry soils. Its usual heights is 3-5 m with a crown spread of 5-7 m, and it grows best in full sun but can tolerate partial shade. The tall, stiff feather-shape leaves can grow to 3 m long. Fronds grow from the top portion of the trunk in three distinct rows, creating the shape of a triangle as petioles stack on top of one another and giving the title for this palm as the "most unique appearance". Flowers and fruits are non-decorative. Best is to use it as a specimen. Very adaptable to soil types but should be well drained. This palm is naturally resistant to pests but may require regular fertilization to prevent yellowing caused by potassium deficiencies.



Plant Image

Landscape Information

French Name: Palmier triangulaire

Pronunciation: nee-oh-DIP-sis dee-KAR-yi

Plant Type: Palm

Origin: Madagascar

Heat Zones: 10, 11, 12, 13

Hardiness Zones: 10, 11, 12, 13

Uses: Specimen

Size/Shape

Growth Rate: Moderate

Tree Shape: Vase

Canopy Symmetry: Symmetrical

Canopy Density: Open

Canopy Texture: Coarse

Height at Maturity: 3 to 5 m

Spread at Maturity: 5 to 8 meters

Time to Ultimate Height: 20 to 50 Years

Notes

Unique geometric-shaped base with its tall impressive leaves can be used as a specimen or to frame an entranceway.

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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: 50 - 80

Leaf Shape: Lanceolate

Leaf Margins: Entire

Leaf Textures: Waxy, Coarse

Leaf Scent: No Fragrance

Color(growing season): Green, Blue-Green

Color(changing season): Green

Flower

Flower Showiness: False

Flower Size Range: 0 - 1.5

Flower Type: Panicle

Flower Sexuality: Monoecious (Bisexual)

Flower Scent: No Fragrance

Flower Color: Yellow

Seasons: Year Round

Trunk

Trunk Has Crownshaft: False

Trunk Susceptibility to Breakage: Generally resists breakage

Number of Trunks: Single Trunk

Trunk Esthetic Values: Showy, Rough Texture

Fruit

Fruit Type: Berry

Fruit Showiness: False

Fruit Size Range: 1.5 - 3

Fruit Colors: Green

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Bark Image

Horticulture Management

Tolerance

Frost Tolerant: No

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, 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: More than 50

Edible Parts: None

Plant Propagations: Seed

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