

Chamaerops humilis

(European Fan Palm)

This small, multi-stemmed, hardy palm is the only one native to Europe, and is hardier than most palms. The curved, clumping, short trunks and gray-green, fan-shaped leaves, borne thickly in a bushy head, make a stunning sculptural element in a garden or patio containers. The fine-textured fronds make the palm stand out from other plants in the landscape. Leaf color on individual plants ranges from light green through silver. Although growth rate is slow, it is well worth the wait since even small palms will stand out nicely in almost any landscape. By removing suckers from the base of the main trunk, this slightly salt-tolerant palm may also be trained as a single-trunked palm. Since the leaf stalks are spiny, Fan Palm may also be used as a single-trunked palm. Since the leaf stalks are spiny, Fan Palm may also be used as a barrier. It makes a nice accent plant in a shrub border or in a low-growing groundcover. It can also be planted several feet apart in a mass on a large-scale landscape forming a fine-textured accent area. Growing best in moist rich soil, it is drought- and wind-resistant, and established plants will survive temperatures to 10-degrees F. or below, in full sun or light shade. Plants grow very slowly in the shade.



Plant Image

Landscape Information

French Name: Palmier nain, Faux doum

Pronunciation: kuh-MEE-rops HEW-mih-liss

Plant Type: Palm

Origin: South Europe, Spain, Portugal, Morocco

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

Hardiness Zones: 8, 9, 10, 11, 12, 13

Uses: Screen, Specimen, Indoor, Container, Edible, Wildlife

Size/Shape

Growth Rate: Slow

Tree Shape: oval

Canopy Symmetry: Irregular

Canopy Density: Medium

Canopy Texture: Coarse

Height at Maturity: 3 to 5 m

Spread at Maturity: 3 to 5 meters

Time to Ultimate Height: 10 to 20 Years

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Flower Image

Botanical Description

Foliage

Leaf Arrangement: Spiral

Leaf Venation: Palmate

Leaf Persistence: Evergreen

Leaf Type: Simple

Leaf Blade: 50 - 80

Leaf Shape: Fan

Leaf Margins: Lobate

Leaf Textures: Rough

Leaf Scent: No Fragrance

Color(growing season): Green

Color(changing season): Green

Flower

Flower Showiness: False

Flower Size Range: 7 - 10

Flower Type: Spike

Flower Sexuality: Monoecious (Bisexual)

Flower Scent: No Fragrance

Flower Color: Yellow

Seasons: Spring

Trunk

Trunk Has Crownshaft: False

Trunk Susceptibility to Breakage: Suspected to breakage

Number of Trunks: Multi-Trunked

Trunk Esthetic Values: Showy, Rough Texture

Fruit

Fruit Type: Drupe

Fruit Showiness: False

Fruit Size Range: 0 - 1.5

Fruit Colors: Orange

Seasons: Spring

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Leaf Image

Horticulture Management

Tolerance

Frost Tolerant: Yes

Heat Tolerant: Yes

Drought Tolerant: Yes

Salt Tolerance: Good

Requirements

Soil Requirements: Loam, Sand

Soil Ph Requirements: Acidic, Neutral, Alkaline

Water Requirements: Low

Light Requirements: Full, Part

Management

Toxity: No

Invasive Potential: No

Susceptibility to Pests and Diseases: No

Mowing Height: 5 - 7 cm

Pruning Requirement: No pruning at all

Fruit/ Leaves/ Flowers litter: Yes

Surface Rooting: No

Life Span: 25-50 years

Edible Parts: Fruit

Pests: Mites, Nematodes

Plant Propagations: Seed, Offset

MORE IMAGES



Fruit Image



Bark Image



Other Image