

## Trachycarpus fortunei

### (Windmill Palm)

Windmill Palm is a dioecious ( female and male flowers are growing on different plant) evergreen palm forming a small tree. The trunk appears to be wrapped in burlap as it's covered with dense, brown, hair-like fibers. The fan like leaves is arranged into a symmetrical crown that is about 3 m wide. Windmill palm is one of the most cold hardy palms available. The flowers have a pleasant fragrance and produce a bluish colored fleshy fruit. Windmill palm grows best in full sun to partial shade and it can tolerate a wide range of soils. It isn't the best palm for regions with very hot summers and warm winters. From warm temperate to subtropical regions it makes an attractive, architectural tree for foundation or landscape beds.



Plant Image

#### Landscape Information

**French Name:** Palmier de Chine, Palmier à Chanvre

**Pronunciation:** tray-kee-KAR-pus FOR-too-nee-eye

**Plant Type:** Palm

**Origin:** China, Taiwan and the Chusan Islands

**Heat Zones:** 7, 8, 9, 10

**Hardiness Zones:** 7, 8, 9, 10

**Uses:** Specimen, Indoor, Container

#### Size/Shape

**Growth Rate:** Slow

**Tree Shape:** Upright, Palm

**Canopy Symmetry:** Symmetrical

**Canopy Density:** Open

**Canopy Texture:** Medium

**Height at Maturity:** 5 to 8 m

**Spread at Maturity:** 3 to 5 meters

**Time to Ultimate Height:** 10 to 20 Years

# Trachycarpus fortunei

(Windmill Palm)



Leaf Image

## Botanical Description

---

### Foliage

**Leaf Arrangement:** Alternate

**Leaf Venation:** Palmate

**Leaf Persistence:** Evergreen

**Leaf Type:** Simple

**Leaf Blade:** 50 - 80

**Leaf Shape:** Fan

**Leaf Margins:** Entire

**Leaf Textures:** Glossy, Medium

**Leaf Scent:** No Fragrance

**Color(growing season):** Green

**Color(changing season):** Green

---

### Flower

**Flower Showiness:** True

**Flower Size Range:** 10 - 20

**Flower Type:** Panicle

**Flower Sexuality:** Diecious (Monosexual)

**Flower Scent:** Pleasant

**Flower Color:** Yellow

**Seasons:** Summer

---

### 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:** Drupe

**Fruit Showiness:** True

**Fruit Size Range:** 1.5 - 3

**Fruit Colors:** Blue

**Seasons:** Summer

---

## Trachycarpus fortunei

(Windmill Palm)



Fruit Image

---

### Horticulture Management

#### Tolerance

**Frost Tolerant:** Yes

**Heat Tolerant:** No

**Drought Tolerant:** Yes

**Salt Tolerance:** Moderate

---

#### Requirements

**Soil Requirements:** Clay, Loam, Sand

**Soil Ph Requirements:** Acidic, Neutral, Alkaline

**Water Requirements:** Moderate

**Light Requirements:** Part

---

#### Management

**Toxity:** No

**Invasive Potential:** No

**Susceptibility to Pests and Diseases:** No

**Pruning Requirement:** Little needed, to develop a strong structure

**Fruit/ Leaves/ Flowers litter:** No

**Surface Rooting:** No

**Life Span:** More than 50

**Edible Parts:** None

**Pests:** Mites, Scales

**Plant Propagations:** Seed

---



## MORE IMAGES



Bark Image



Other Image