

## **BISMARCK**

***(Bismarckia nobilis)***



Grows from solitary trunks, gray to tan in color, which show ringed indentations from old leaf bases. Height ranges from 20-30 feet and width in 12 – 15 feet at the widest part, slightly bulging at the base, and free of leaf bases in all but its youngest parts. These palms are deciduous and produce small brown flowers which, in female plants, mature to a brown avoid drupe, each containing a single seed. While they tolerate some drought, they thrive in areas with adequate rainfall. Because of their massive crowns, they need plenty of room in a landscape area.

## **CALIFORNIA FAN PALM**

***(Washingtonia filifera)***



These Palms are fast growing up to 60 feet high and 20 feet wide. They require full sun and little to regular water. Long stalked 3-6 foot light green leaves. As leaves mature they bend down to form a skirt. The California Fan Palm is well suited for large properties, as they are too tall for suburban gardens.

**CANARY ISLAND PALM**  
*(Phoenix canariensis)*



This Palm requires full sun and regular watering. It is a big heavy trunked plant growing to 12 feet high and 20 -30 feet wide. It produces many bright green to deep green gracefully arching fronds. The Canary Island Palm is slow growing until it forms a trunk then the growing speeds up. These do best planted in parks or along wide streets. Not for small lots.

**DATE PALM**  
*(Phoenix dactylifera)*



This palm grows between 40 – 80 feet tall and is 20 -40 feet wide. The Date Palm is the classic desert palm. It has gray-green waxy leaves with stiff sharp-pointed leaflets. Only the female trees blossom and are followed by clusters of dates, but only if the tree has been in the ground for several years and if a male tree is nearby.

**MEDITERRANEAN FAN PALM**  
*(Chamerops humilis)*



This palm is the one of the hardiest of the palms. It needs full sun or partial shade and moderate to regular water. The Mediterranean Fan Palm can get up to 20 feet high and wide. Clumps slowly develop from offshoots. Green-bluish leaves on spiny leaf stalks. May be grown as in impenetrable hedge. Tolerates poor soil and strong winds.

**PYGMY DATE PALM**  
*(Phoenix roebillini)*



This palm needs full sun or partial shade and regular water. Height ranges from 6 to 10 feet high and 6 to 8 feet wide. Foliage browns during a frost, but quickly recovers in the spring. The Pygmy Date Palm is a slow growing, single trunked palm and the curved leaves form a dense crown. **\*The Pygmy Date Palm is extremely frost tender and is not recommended for use other than on southern exposures or protected courtyards.\***

**SAGO PALM**  
*(Cycas revolute)*



The Sago Palm has a rosette of dark green feathery leaves that grow from the top of a single trunk. This palm grows slowly getting to 10 feet high and wide, the leaves are 2- 3 feet long on the very mature Sago Palms. This is a tough palm, and is great as a house plant or patio plant. Needs partial shade and regular water.

**WINDMILL PALM**  
*(Trachycarpus fortunei)*



The Windmill Palm is a very hardy fan palm that is a moderate to fast growing palm. The height is up to 12 feet high and 8 feet wide. The trunk of this palm is usually thicker at the bottom and is covered with a dense, blackish fiber. As the tree matures and the trunk gets longer, the fiber falls off the trunks lower portion. This plant may be grown indoors, once it is too big, it is easily transplantable outdoors. This palm needs full sun or light shade and regular water.