

Nowhere else in the continental United States is it possible to grow the wide variety of palms that can be successfully grown in Florida. And a good number of these can be grown in Brevard County. These graceful trees do much to make the Brevard landscape distinctively different. Many native and exotic species, varying from dwarfs of a few feet to magnificent trees which attain a height of 100ft, are widely utilized with striking effect in Florida.

PLANTING

Palms may be planted at any time of the year. Roots develop mostly during the warm rainy season. Plant the palm at the same depth it was grown in the container. Prepare the soil taken from the hole with Planting Mix. Add at a rate of 1/3 planting mix to 2/3 existing soil. Mix **Espoma Bio-tone Starter** to the mix for strong healthy roots. Use this mixture to backfill the hole. After backfilling use the hose to eliminate air pockets.

WATERING

Thoroughly water the newly planted palm every third day for about two weeks. Then water it weekly until it is established. After that, water it as needed. Adjust accordingly to the weather conditions and the moisture retention of your yard.

FERTILIZING

Palm trees should be fed with **Leonard's 11-4-11**. Use 1/4 to 2 cups per palm depending on maturity every other month. Certain palms often become deficient in manganese. This deficiency affects the new growth causing a frizzled look of the new leaves. The deficiency is called "frizzle-top". An application of one to three pounds of manganese sulphate will control this problem. It takes about six months for results to be seen. You can also apply Chelated Palm Nutritional spray to help prevent Frizzle-top of palms.

Aftercare:

Be careful that you never injure the base of the palm with tools or lawn mowers. These injuries will allow the entry of disease such as butt rot into the palm. Some pruning of palms is necessary. This consists mainly of removing old unsightly fronds and seed stalks. Do not remove green fronds as overpruning weakens the palm.



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Delivery throughout Brevard County

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<u>Botanical Name</u>	<u>Common Name</u>	<u>Size</u>	<u>Cold tol</u>	<u>Salt tol</u>	<u>Comments</u>
Acoelorrhaphe wrightii	paurotis/saw cabbage	large clump	high	very high	our best cluster palm for outdoors
Acrocomia species	gru-gru	large	high	high	exotic & spiny
Adonidia merrilli	Christmas Palm, etc.	medium	low	high	very susceptible to lethal yellowing
Archontophoenix alexandra	king palm, alexandra	medium	low	low	graceful, very fast growing
Archontophoenix cunninghamiana	king palm	medium	med to low	low	fast, can stand light freezes quite well
Arenga engleri	dwarf sugar palm	small clump	high	medium	very attractive/needs extra iron
Bismarckia nobilis	bismarckia	large	med	high	leaves are bluish
Butia capitata	jelly or pindo palm	medium	very high	very high	slow growing/edible fruit
Carpenteria acuminata	carple	med	very low	low	native to Australia's top end
Caryota mitis	fishtail palm	med clump	low	medium	most often used indoors in Brevard
Chamaerops humilis	european fan palm	med. clump	very high	very high	needs good drainage
Coccothrinax spp.	silver palm	small	medium	very high	slow growing, carefree, native
Cocos nucifera	coconut	medium	low	highest	good for Brevard beaches
Copernicia alba	copernicia	medium	high	high	beautiful slender fan palm
Dictyosperma album	princess palm	medium	very low	medium	sometimes called Hurricane palm
Dypsis lutescens	areca/yellow butterfly	med. clump	low	medium	recovers from freeze
Howea forsteriana	kentia palm	medium	low	high	popular house plant, stand some cold
Hyophorbe lagenicaulis	bottle palm	small	very low	medium	bottle shaped trunk, can be containerized
Hyophorbe verschaffeltii	spindle palm	small	low	high	unusually shaped and colored trunk
Hyphaene spp.	gingerbread	lg. branched	medium	high	Strange, branching, many headed
Licuala spinosa	licuala	small clump	medium	low	strangely shaped leaves, best in shade
Livistona australis	australian fan palm	medium	very high	high	foliage more attractive than 'chinese fan'
Livistona chinensis	chinese fan palm	medium	very high	high	looks best in shade
Livistona decipiens	weeping fan palm	large	very high	high	full sun / very fast growing
Neodypsis decaryl	triangle palm	medium	low	medium	very unusual 3 tiered growth
Phoenix canariensis	pineapple/canary island		large	very high	very high needs space
Phoenix dactyflera	true date palm	large clump	very high	very high	bluish leaves/full sun
Phoenix reclinata	senegal date	large clump	high	high	suckers should be limited
Phoenix roebelinii	pygmy date	small	medium	high	should be protected on during freezes
Phoenix sylvestris	indian date	large	high	high	the best large date for Brevard
Pinanga coronata	ivory cane palm	small clump	very low	low	needs protection from sun & cold
Ptychosperma elegans	alexander palm, solitaire	slender	very low	medium	can be container grown
Ravenea rivularis	majesty palm	med to large	medium	medium	fast growing, from Madagascar
Rhapidophyllum hystrix	needle palm	small clump	extra high	high	looks best in partial shade
Rhapis excelsa	lady palm	small clump	very high	medium	excelsa is the best species of Rhapis
Roystonea spp.	royal palm	large	low	high	recommended for warmer parts of Brevard
Sabal cusidaram	Puerto Rican hat palm	large	very high	high	trunk like 'Royal Palm'
Sabal mauritiformis	savannah palm	medium	medium	medium	most tropical of sabals, large leaves, slim trunk
Sabal palmetto	cabbage palm	medium	very high	very high	Florida State's tree
Sabal yapa	yapa	medium	med/high	high	native to Cuba, slender trunk
Serenoa repens	saw cabbage	small clump	very high	very high	an underused native palm
Syagrus romanoffzianua	cocos plumosa/queen	medium	high	medium	most popular exotic in Florida
Syagrus schizophylla	arikury	small	low/med	medium	slim trunk, does best in light shade
thrinax radiata	thatch palm	small	low / med	very high	native, slim trunk
Veitchia spp.	dwarf royal	slender	very low	high	beautiful natives of South Pacific
Washingtonia robusta	skyduster	large	very high	very high	tallest growing palm for Brevard
Wodyetia bifurcata	foxtail	med	low	med	popular australian exotic