

Recommended Industry Standard Plant Spacing Guidelines

PALMS:

No.	Common	Botanical	Trunk Height			Height	Street Tree Spacing	WRA	Comments
			Small	Medium	Large				
1	Alexandra (King Palm)	Archontophoenix alexandrae			X	45' - 80'	N/A	2	10' o.c.
2	Areca	Dyopsis lutescens / Chrysalidocarpus lutescens		X		< 30'	N/A	2	
3	Bottle	Hyophorbe lagenicaulis	X			> 20'	N/A	-3	15' o.c.
4	Coconut	Cocos nucifera			X	30' - 60'	10	-4	20' o.c.; rarely reach 100'
5	Cuban Royal	Roystonea regia			X	60' - 75'	10	0	20' o.c.
6	Date	Phoenix dactylifera			X	50' - 100'	N/A	10	
7	Dwarf Date	Phoenix roebelenii	X			> 10'	N/A	-5	
8	Fan (Chinese)	Livistona chinensis		X		< 30'	N/A	5	
9	Fan (Thurston)	Pritchardia thurstonii		X		< 25'	N/A	-4	
10	Fiji Fan	Pritchardia pacifica		X		< 30'	N/A	-4	15' o.c.
11	Fishtail	Caryota mitis		X		20' - 40'	N/A	1	15' o.c.
12	Foxtail	Wodyetia bifurcata		X		< 30'	10	0	15' o.c.
13	Joannis	Veitchia joannis			X	> 100'	10	-1	may reach > 100'
14	Kentia	Howea forsteriana		X		< 35'	N/A	NL	
15	Loulu	Pritchardia ssp.	X			15' - 30'	10	NL	15' o.c.
16	Loulu	Pritchardia affinis		X		< 20'	N/A	NL	
17	Loulu Lelo	Pritchardia hillebrandii	X			< 20'	N/A	NL	
18	Manila	Adonidia merrillii	X			15' - 30'	10	2	
19	Phoenix	Phoenix dactylifera			X	50' - 120'	N/A	10	10' o.c.
20	Queen	Syagrus romanzoffiana		X		30' - 45'	10	-2	15' o.c.
21	Queen Sago	Cycas circinalis	X			< 20'	N/A	NL	
22	Red Sealing Wax	Cyrtostachys renda	X			< 30'	N/A	1	15' o.c.
23	Rhapis	Rhapis excelsa	X			< 10'	N/A	0	
24	Sago	Cycas revoluta	X			< 10'	N/A	-2	

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25	Triangle	Dypsis decaryi		X		< 20'	N/A	-7	15' o.c.

Palm sizes are: "Small" if up to 30' in height, "Medium" if between 30' to 50', and "Large" if higher than 50'.

Palms considered as an invasive plant according to the Landscape Industry Council of Hawaii (LICH) will not be listed

(http://landscapehawaii.org/_library/documents/downloads/invasive/lich%20invasive%20plant%20list%202009%20v1.01.pdf)

"**WRA**" - evaluated and rated by the Hawaii Weed Risk Assessment (http://www.botany.hawaii.edu/faculty/daehler/wra/full_table.asp); **NL** - Not Listed; Within the context of HP-WRA, invasive means spreading beyond the intended area of cultivation and having significant ecological or economic impacts as a weed.