

# Recommended Industry Standard Plant Spacing Guidelines

## SHRUBS:

No.	Common	Botanical	Spacing Between Plants (o.c.)					Height	Pot / Gallon Size	WRA
			12"	18"	24"	30"	36"			
1	`A`ali`i	Dodonaea viscosa					X	3' - 24'	3	NL
2	`Ahinahina	Artemisia mauiensis					X	1' - 2'	1	NL
3	`Ahinahina (Hinahina `Ewa)	Achyranthes splendens var. rotundata					X	6'	1	NL
4	`Akia	Wikstroemia uva-ursi		X				1' - 3'	6"	NL
5	`Akia Kuahiwi	Wikstroemia oahuensis		X				2' - 4'	6"	NL
6	`Akiohala	Hibiscus furcellatus					X		3	NL
7	`Ape	Xanthosoma robustum					X	10'	3	3
8	`Awapuhi	Zingiber zerumbet			X			4'	3	-1
9	`Ilima	Sida fallax	X					10'	3	NL
10	`Ulei	Osteomeles anthyllidifolia				X		10'	1	NL
11	Aglaonema	Aglaonema spp			X	X		3'	1	0
12	Allamanda (Bush)	Allamanda schottii		X	X			5'	1	NL
13	Allamanda (Purple)	Allamanda blanchetii		X	X			6'	1	6
14	Azalea	Rhododendron indicum		X				6'	1	4
15	Beefsteak Plant	Iresine herbstii			X			< 6'	1	0
16	Bird-of-Paradise (Orange)	Strelitzia reginae					X	< 6'	3	-3
17	Bougainvillea	Bougainvillea					X	< 25'	3	NL
18	Brassia (Dwarf)	Schefflera arboricola					X	20'	1	3
19	Bromeliad (Aechmea)	Aechmea spp.			X			3'		NL
20	Bromeliad (Neoregelia)	Neoregelia spp.						< 2'		NL
21	Bush Thunbergia	Thunbergia erecta				X		6'	3	-2
22	Cape Honeysuckle	Tecomaria capensis		X			X	10'	6"	6
23	Copperleaf	Acalypha wilkesiana					X	15'	3	-2
24	Croton	Codiaeum variegatum					X	10' - 20'	3	-4

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25	Crown Flower	Calotropis gigantea					X	15'	3	15
26	Daylily	Hemerocallis spp.						< 3'		NL
27	Desert Rose	Adenium obesum					X	10'	3	-8
28	Dracaena (Striped)	Dracaena deremensis 'Warnecki'					X	15'	5	0
29	Dragon Tree	Dracaena draco						15'		-5
30	Eldorado (Caricature Plant)	Graptophyllum pictum				X	X	< 10'	3	-5
31	Elephant's Ear	Alocasia macrorrhizos					X	12'	3	NL
32	False Eranthemum (Purple)	Pseuderanthemum carruthersii				X		4' - 10'	3	1
33	Galphimia	Galphimia gracilis				X		9'	1	-2
34	Gardenia (Cape)	Gardenia augusta				X		2' - 8'	3	NL
35	Gardenia (Paper)	Tabernaemontana divaricata				X		15'	3	-1
36	Gardenia (Tahitian)	Gardenia taitensis				X		6' - 20'	2	-4
37	Gardenia (Trailing)	Gardenia augusta 'Radicans'						2'		NL
38	Ginger	Alpinia purpurata			X			3' - 15'	3	4
39	Hapu'u	Cibotium glaucum						3' - 15'		NL
40	Hau (Variegated)	Hibiscus tiliaceus 'forma'			X			10' - 35'	1	NL
41	Heavenly Bamboo	Nandina domestica		X		X		6' - 10'	1	NL
42	Heliconia (Lobster Claw)	Heliconia caribaea						18'		-1
43	Heliconia (Parrot's)	Heliconia psittacorum			X			4'	3	11
44	Heliconia (Parrot's-Beak)	Heliconia rostrata				X		10'	3	NL
45	Hibiscus	Hibiscus rosa-sinensis					X	15'	3	-2
46	Indian Hawthorn	Rhaphiolepis indica		X			X	5'	3	3
47	Ixora	Ixora spp.		X			X	< 15'	3	NL
48	Ixora (Dwarf)	Ixora		X				4'	2 / 3	-2 or 4

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49	Jade Plant	Crassula ovata				X		< 6'	1	-4
50	Japanese Privet	Ligustrum japonicum			X	X		15'	1	6
51	Jasmine	Jasminum laurifolium var. laurifolium					X	var		NL
52	Ko (Sugar Cane)	Saccharum officinarum						< 20'		-2
53	Koki`o	Hibiscus kokio subsp. St. johnianus				X		6' - 20'	3	NL
54	Koki`o `ula`ula	Hibiscus kokio						6' - 20'		NL
55	Koki`o Kea	Hibiscus waimeae				X		30' - 40'	3	NL
56	Kokutan	Rhaphiolepis umbellata var. integerrima			X			10'	3	NL
57	Kului	Nototrichium sandwicense			X			3' - 10'	1	NL
58	Kupukupu	Nephrolepis cordifolia	X					3'	1	NL
59	Leea	Leea guineensis					X	15'	3	-1
60	Lipstick	Bixa orellana					X	30'		1
61	Lollipop	Pachystachys lutea			X			8'	1	-4
62	Ma`o	Gossypium hirsutum		X				2' - 6'		NL
63	Ma`o hau hele	Hibiscus brackenridgei						3' - 15'	5	NL
64	Mamaki	Pipturus albidus						30'		NL
65	Mirror Plant (Variegated)	Coprosma repens 'Picturata'				X		10'	3	8
66	Mock Orange	Murraya paniculata		X	X			< 25'	3	6
67	Monstera	Monstera deliciosa					X	< 65'	3	1
68	Mother-in-Law's Tongue	Sansevieria trifasciata	X					4'	1	9
69	Mussaenda	Mussaenda erythrophylla						12'		NL
70	Nanu	Gardenia brighamii			X			8'	3	NL
71	Natal Plum	Carissa macrocarpa		X				10' - 20'	1	-1
72	Naupaka (Kahakai)	Scaevola taccada			X	X		3' - 15'	3	NL

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73	Naupaka (Kuahiwi)	Scaevola gaudichaudiana						15'		NL
74	Night Blooming Cereus	Hylocereus undatus						20'		NL
75	Oleander	Nerium oleander					X	4' - 30'	3	6
76	Panax	Polyscias guilfoylei				X		8'	3	0
77	Papala	Charpentiera obovata						15' - 30'		NL
78	Pentas	Pentas lanceolata	X					< 6'	6"	NL
79	Philodendron	Philodendron bipinnatifidum					X	12'	3	NL
80	Philodendron	Philodendron selloum					X	var		NL
81	Pikake	Jasminum sambac					X	5'	3	NL
82	Pittosporum (Japanese)	Pittosporum tobira 'Variegata'		X		X		10' - 15'	1	3.5
83	Pittosporum (Wheeler's Dwarf)	Pittosporum tobira			X			3'	1	3.5
84	Plumbago (Cape)	Plumbago auriculata			X			6'	1	6
85	Ponytail	Beaucarnea recurvata	X					15' - 30'		-4
86	Pualoalo	Hibiscus arnottianus						10' - 30'	3	NL
87	Sanchezia	Sanchezia speciosa				X		6' - 8'	3	3
88	Shell Ginger	Alpinia zerumbet					X	12'		10
89	Shrimp Plant	Justicia carnea						5'		NL
90	Silver Evergreen	Aglaonema commutatum		X				3'	1	0
91	Snowbush	Breynia disticha 'Roseopicta'			X	X		10'	3	-5
92	Song of India	Dracaena reflexa						15'		NL
93	Spathiphyllum	Spathiphyllum spp.		X				2' - 8'	1	-4
94	Spider Lily	Crinum asiaticum					X	5' - 8'	3	-4
95	Spider Lily (Queen Emma)	Crinum augustum						3' - 5'		NL
96	Sundrops	Turnera ulmifolia					X	3'	3	10

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97	Ti	<i>Cordyline fruticosa</i>	X					8' - 15'	1	NL
98	Torch Ginger	<i>Etlingera elatior</i>				X		20'	3	1
99	Traveller's	<i>Ravenala madagascariensis</i>		X				25' - 65'		5
100	Wax Fig	<i>Ficus microcarpa</i> var. <i>crassifolia</i>		X				12'	1	NL

Shrubs 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](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](http://www.botany.hawaii.edu/faculty/daehler/wra/full_table.asp)); **NL** - Not L WRA, invasive means spreading beyond the intended area of cultivation and having significant ecological or economic impacts as a weed.

*\*based on various sized plants*

Comments
large
small
small
small; < 10' spread
small
medium
medium
medium
medium
small
medium
medium
medium
small
medium
large; 10' o.c.
large
medium
Burle Marx & Gracius
medium
medium
large; 3' - 5' o.c.
large

*\*based on various sized plants*

Comments
large
medium
large
medium
large
medium
medium
medium; 5' o.c.
large
large; 6' - 8' o.c.
small
medium; Pink & Red; 4' - 7' o.c.
large; 6' - 8' branch length
large
medium
large
small
medium
large; 5' o.c.
medium
medium
small

*\*based on various sized plants*

Comments
small
large
medium
large; 3' - 4' spread
medium
medium
small
large
large
medium
medium; 5' - 7' spread
medium
large
large
small
large; 'Dona Luz' & 'Queen Sirikit'
5' o.c.
large; 4' o.c.
medium



*\*based on various sized plants*

Comments
large; 5' o.c.
medium
large
small
large
medium
medium
small
medium
10' o.c.
medium
large
medium
small
large
cannifolium, 'Mauna Loa' & 'McCoy'
medium
small

*\*based on various sized plants*

Comments
large; Emerald Green, Lilinoi, Maui Beauty & Peter Buck
large
15' o.c.
large

.isted; Within the context of HP-