

Table 3. Tolerance of landscape shrub species to salt spray (overhead irrigation with recycled water) and soil salinity.

Botanical name	Common name	Tolerance to salt spray⁽¹⁾	Tolerance to soil salinity⁽²⁾
<i>Abelia grandiflora</i> Rehd.	'Edward Goucher' Abelia	S	S
<i>Acacia redolens</i> Maslin.	Prostrate Acacia	T	T
<i>Acalypha wilkesiana</i> Muell.	Copper Leaf	S	S
<i>Agave americana</i> L.	Century Plant	H	T
<i>Arctostaphylos densiflora</i> M.S.Bac	Vine Hill Manzanita	T	T
<i>Bambusa sp.</i> Schreb.	Bamboo	M	M
<i>Buddleja davidii</i> Franch.	Butterfly Bush	S	S
<i>Buxus microphylla</i> Mull. Arg.	Japanese Boxwood	T	M
<i>Calliandra haematocephala</i> Hassk.	Powder Puff Tree	S	S
<i>Callistemon rigidus</i> R. Br.	Bottle Brush	M	M
<i>Camellia japonica</i> L.	Camellia	S	S
<i>Canna x generalis</i> Bailey.	Canna Lily	M	M
<i>Carica papaya</i> L.	Papaya	M	M
<i>Carissa macrocarpa</i> A. DC.	Natal Plum	H	T
<i>Ceanothus thyrsiflorus</i> Esch.	Blue Blossom	T	M
<i>Cestrum aurantiacum</i> Lindl.	Orange Cestrum	M	M
<i>Codiaeum variegatum</i> Blume.	Croton	S	S
<i>Cornus mas</i> L.	Cornelian Cherry	S	S
<i>Cotoneaster congestus</i> Baker	Pyrenees Cotoneaster	S	S
<i>Cotoneaster microphylla</i> Lindl.	Rockspray Cotoneaster	M	S
<i>Dracaena deremensis</i> Engler.	Dracaena	M	M
<i>Elaeagnus pungens</i> Thunb.	Silverthorn, Silverberry	H	T
<i>Escallonia rubra</i> Pers.	Escallonia	T	M
<i>Eugenia uniflora</i> L.	Surinam Cherry	S	S
<i>Euphorbia milii</i> Ch. Des Moulins	Crown of thorns	H	H
<i>Euphorbia pulcherrima</i> Willd.	Poinsettia	S	S
<i>Euryops pectinatus</i> L.	Golden Shrub Daisy	T	M
<i>Forsythia x intermedia</i> Zabel	Hybrid Forsythia	M	M
<i>Gamolepis chrysanthemoides</i> DC.	African Bush Daisy	H	T
<i>Gardenia augusta</i> Merrill	Cape Jasmine, Gardenia	M	M
<i>Heliconia sp.</i>	Heliconia	M	M
<i>Hibiscus rosa-sinensis</i> L.	Rose of China, Garden Hibiscus	M	M
<i>Hydrangea macrophylla</i> Ser.	Hydrangea	T	M
<i>Ilex cornuta</i> Burford	Chinese Holly	M	M
<i>Ilex vomitoria</i> 'Nana'	Dwarf Yaupon Holly	H	T
<i>Ilex vomitoria</i> Ait.	Yaupon Holly	T	T
<i>Ixora coccinea</i> L.	Ixora	S	S

<i>Jasminum polyanthum</i> Franch.	Jasmine	M	M
<i>Jatropha multifida</i> L.	Coral Plant	S	M
<i>Justicia brandegeana</i> Wassh.	Shrimp Plant	S	S
<i>Lantana camara</i> L.	Lantana	H	T
<i>Mahonia aquifolium</i> Nutt.	Oregon Grape	S	S
<i>Mahonia pinnata</i> Fedde	California Holly Grape	S	S
<i>Murraya paniculata</i> L.	Orange Jessamine	S	S
<i>Myrica cerifera</i> L.	Wax Myrtle	H	T
<i>Myrtus communis</i> L.	True Myrtle	T	T
<i>Nandina domestica</i> Thunb.	Heavenly Bamboo	S	S
<i>Nerium oleander</i> L.	Oleander	H	T
<i>Opuntia</i> sp. Miller	Opuntia Cactus	M	T
<i>Parthenium argentatum</i> Gray.	Guayule	H	H
<i>Pentas lanceolata</i> Deflers	Pentas, Egyptian star-cluster	S	S
<i>Photinia fraseri</i> Dress	Photinia	S	S
<i>Photinia glabra</i> Maxim.	Japanese Photinia	S	S
<i>Pittosporum tobira</i> Aiton	Mock Orange	H	T
<i>Plumbago auriculata</i> Lam.	Cape Plumbago	T	T
<i>Podocarpus macrophyllus</i> D. Don	Yew Pine	S	S
<i>Pyracantha coccinea</i> Roem.	Red Firethorn	M	M
<i>Raphiolepis indica</i> Lindl.	Indian Hawthorn	H	T
<i>Rosa</i> sp. L.	Rose	S	S
<i>Russelia equisetiformis</i> Schlecht & Cham.	Firecracker Plant	M	M
<i>Sambucus callicarpa</i> Greene	Coast Red Elderberry	T	M
<i>Schefflera arboricola</i> L.	Dwarf Schefflera	M	M
<i>Strelitzia reginae</i> Bankses Dryander	Bird of Paradise	M	M
<i>Viburnum odoratissimum</i> Ker.	Sweet Viburnum	M	M
<i>Viburnum suspensum</i> Lindl.	Sandankwa Viburnum	M	M
<i>Yucca aloifolia</i> L.	Spanish Bayonet	H	H

Data in the table adapted from Wu L. and Dodge L. 2005 Special Report for the Elvenia J. Slosson Endowment Fund (in press).

(1): Tolerances to salt spray are defined by the degree of salt stress symptoms developed in plant leaves and the salt concentrations in the irrigation water. Highly tolerant (H): No apparent salt stress symptoms observed when plants are irrigated with water containing 600 mg L⁻¹ sodium and 900 mg L⁻¹ chloride. Tolerant (T): No apparent salt stress symptoms observed when plants are irrigated with water containing 200 mg L⁻¹ sodium and 400 mg L⁻¹ chloride. Moderately tolerant (M): Symptoms observed on less than 10% of leaves when plants are irrigated with water containing 200 mg L⁻¹ sodium and 400 mg L⁻¹ chloride. Sensitive (S): More than 20% of leaves develop symptoms when plants are irrigated with water containing 200 mg L⁻¹ sodium and 400 mg L⁻¹ chloride.

(2): The definitions of soil salinity tolerance are: Highly tolerant (H): acceptable soil EC greater than 6 dS m⁻¹, Tolerant (T): acceptable soil EC greater then 4 and less than 6 dS

m^{-1} , Moderately tolerant (M): acceptable soil EC greater than 2 and less than 4 dS m^{-1} ,
Sensitive (low tolerance) (S): acceptable soil EC less than 2 dS m^{-1} .