



ENH129

EXTENSION

Institute of Food and Agricultural Sciences

Salt Tolerance of Landscape Plants for North Florida ¹

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1. This document is ENH - 129, one of a series of the Department of Environmental Horticulture, Florida Cooperative Extension Service, Institute of Food and Agricultural Sciences, University of Florida. First published March 1987; reviewed March 2000. Please visit the EDIS Web site at <http://edis.ifas.ufl.edu>.

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Table 1.

Table 1. Salt Tolerance of Trees, North Florida	
Common Name / Scientific Name	Common Name / Scientific Name
GOOD SALT TOLERANCE	
Fig / <i>Ficus carica</i>	Aleppo Pine / <i>Pinus halepensis</i>
Honey Locust / <i>Gleditsia triacanthos</i>	Apricot / <i>Prunus armeniaca</i>
Yaupon holly / <i>Ilex vomitoria</i>	White Oak / <i>Quercus alba</i>
Southern red cedar / <i>Juniperus silicicola</i>	Southern red oak / <i>Quercus falcata</i>
Wax myrtle / <i>Myrica cerifera</i>	Live Oak / <i>Quercus virginiana</i>
Sand Pine / <i>Pinus clausa</i>	Japanese pagoda-tree / <i>Sophora japonica</i>
MODERATE SALT TOLERANCE	
Sweet acacia / <i>Acacia farnesiana</i>	Japanese black pine / <i>Pinus thunbergiana</i>
Mimosa / <i>Albizia julibrissin</i>	Sycamore / <i>Plantanus occidentalis</i>
American beech / <i>Fagus grandifolia</i>	Cottonwood / <i>Populus deltoides</i>
River birch / <i>Betula nigra</i>	Chickasaw plum / <i>Prunus angustifolia</i>
Loquat / <i>Eriobotrya japonica</i>	Cherry laurel / <i>Prunus caroliniana</i>
Green ash / <i>Fraxinus pennsylvanica</i>	Cherry Plum / <i>Prunus cerasifera</i>
Dahoon / <i>Hex cassinæ</i>	Laurel oak / <i>Quercus laurifolia</i>
Golden rain-tree / <i>Koelreuteria paniculata</i>	Water oak / <i>Quercus nigra</i>
Japanese privet / <i>Ligustrum japonicum</i>	Willow / <i>Salix spp.</i>
Glossy privet / <i>Ligustrum lucidum</i>	Chinese tallowtree / <i>Sapium sebiferum</i>
Sweet Gum / <i>Liquidambar styraciflua</i>	Bald cypress / <i>Taxodium distichum</i>
Southern magnolia / <i>Magnolia grandiflora</i>	Oriental arborvitae / <i>Thuja orientalis</i>
Jerusalem thorn / <i>Parkinsonia aculeata</i>	Chinese elm / <i>Ulmus parvifolia</i>

Table 1.

Table 1. Salt Tolerance of Trees, North Florida	
Common Name / <i>Scientific Name</i>	Common Name / <i>Scientific Name</i>
Florida bay / <i>Persea borbonia</i>	Siberian elm / <i>Ulmus pumila</i>
Slash Pine / <i>Pinus elliottii</i>	Chaste tree / <i>Vitex agnus-castus</i>
LOW SALT TOLERANCE	
Red maple / <i>Acer rubrum</i>	American holly / <i>Ilex opaca</i>
Camphor tree / <i>Cinnamomum camphora</i>	Tulip poplar / <i>Liriodendron tulipifera</i>
Japanese persimmon / <i>Diospyros kaki</i>	Mulberry / <i>Morus spp.</i>
Common persimmon / <i>Diospyros virginiana</i>	White poplar / <i>Populus alba</i>
European beech / <i>Fagus sylvatica</i>	Lombardy poplar / <i>Populus nigra</i> 'Italica'
Kumquat / <i>Fortunella margarita</i>	

Table 2.

Table 2. Salt Tolerance of Palms, North Florida	
Common Name / <i>Scientific Name</i>	Common Name / <i>Scientific Name</i>
GOOD SALT TOLERANCE	
Canary Island date palm / <i>Phoenix canariensis</i>	Washingtonia palm / <i>Washingtonia robusta</i>
Cabbage palm / <i>Sabal palmetto</i>	
MODERATE SALT TOLERANCE	
Pindo palm / <i>Butia capitata</i>	Lady palm / <i>Rhapis excelsa</i>
European fan palm / <i>Chamaerops humilis</i>	Windmill palm / <i>Trachycarpus fortunei</i>

Table 3.

Table 3. Salt Tolerance of Shrubs, North Florida	
Common Name / Scientific Name	Common Name / Scientific Name
GOOD SALT TOLERANCE	
Century Plant / <i>Agave americana</i>	Oleander / <i>Nerium oleander</i>
Groundselbush, Eastern baccharis / <i>Baccharis halimifolia</i>	Prickly pear / <i>Opuntia</i> spp.
Crimson bottlebrush / <i>Callistemon citrinus</i>	Pittosporum / <i>Pittosporum tobira</i>
Pampas grass / <i>Cortaderia selloana</i>	Indian hawthorn / <i>Raphiolepis indica</i>
Silverthorn / <i>Elaeagnus pungens</i>	Sandankwa viburnum / <i>Viburnum suspensum</i>
Dwarf yaupon holly / <i>Ilex vomitoria</i> cvs.	Spanish bayonet / <i>Yucca aloifolia</i>
Texas sage / <i>Leucophyllum frutescens</i>	Adam's needle / <i>Yucca smalliana</i>
Wax myrtle / <i>Myrica cerifera</i>	
MODERATE SALT TOLERANCE	
Bamboo / <i>Bambusa</i> spp.	Chinese juniper / <i>Juniperus chinensis</i>
Bottlebrush / <i>Callistemon rigidus</i>	Lantana / <i>Lantana camara</i>
Hedge cactus / <i>Cereus peruvianus</i>	Japanese privet / <i>Ligustrum japonicum</i>
Sago palm / <i>Cycas revoluta</i>	Glossy privet / <i>Ligustrum lucidum</i>
Russian olive / <i>Elaeagnus angustifolia</i>	Common privet / <i>Ligustrum vulgare</i>
Evergreen euonymus / <i>Euonymus japonica</i>	Leatherleaf mahonia / <i>Mahonia bealei</i>
Fatsia / <i>Fatsia japonica</i>	Broadleaf podocarpus / <i>Podocarpus nagi</i>
Pineapple guava / <i>Feijoa sellowiana</i>	Firethorn / <i>Pyracantha coccinea</i>
Althea / <i>Hibiscus syriacus</i>	Formosa firethorn / <i>Pyracantha koidzumii</i>
Burford holly / <i>Ilex cornuta</i> 'Burfordii'	Rose / <i>Rosa</i> spp.
Rotunda holly / <i>Ilex cornuta</i> 'Rotunda'	Rattle box / <i>Sesbania punicea</i>

Table 3.

Table 3. Salt Tolerance of Shrubs, North Florida	
Common Name / <i>Scientific Name</i>	Common Name / <i>Scientific Name</i>
Helleri holly / <i>Ilex crenata</i> 'Helleri'	Sweet viburnum / <i>Viburnum odoratissimum</i>
Inkberry / <i>Ilex glabra</i>	
LOW SALT TOLERANCE	
Glossy abelia / <i>Abelia x grandiflora</i>	Thryallis / <i>Galphimia glauca</i>
Wintergreen barberry / <i>Berberis julianae</i>	Gardenia / <i>Gardenia jasminoides</i>
Barberry / <i>Berberis</i> spp.	Crape myrtle / <i>Lagerstroemia indica</i>
Butterfly bush / <i>Buddleia officinalis</i>	Heavenly bamboo / <i>Nandina domestica</i>
Boxwood / <i>Buxus</i> spp.	Redtop / <i>Photinia x fraseri</i>
Camellia / <i>Camellia japonica</i>	Yew podocarpus / <i>Podocarpus macrophyllus</i>
Sasanqua camellia / <i>Camellia sasanqua</i>	Azalea / <i>Rhododendron</i> spp.
Glory bower vine / <i>Clerodendrum thomsoniae</i>	Spirea / <i>Spiraea</i> spp.
Pyrenees cotoneaster / <i>Cotoneaster congestus</i>	Rice-paper plant / <i>Tetrapanax papyriferus</i>
Poinsettia / <i>Euphorbia pulcherrima</i>	Viburnum / <i>Viburnum</i> spp. (others)

Table 4.

Table 4. Salt Tolerance of Ground Covers, North Florida	
Common Name / <i>Scientific Name</i>	Common Name / <i>Scientific Name</i>
GOOD SALT TOLERANCE	
Dichondra / <i>Dichondra micrantha</i>	Shore Juniper / <i>Juniperus conferta</i>
Wintercreeper / <i>Euonymus fortunei</i>	Lilyturf / <i>Liriope</i> spp.
Creeping fig / <i>Ficus pumila</i>	Mondo grass / <i>Ophiopogon japonicus</i>
Algerian ivy / <i>Hedera canariensis</i>	Purslane / <i>Portulaca</i> spp.
English ivy / <i>Hedera helix</i>	Rosemary / <i>Rosmarinus officinalis</i>
Cucumberleaf sunflower / <i>Helianthus debilis</i>	Confederate jasmine / <i>Trachelospermum jasminoides</i>
Daylily / <i>Hemerocallis</i> spp.	Sea oats / <i>Uniola paniculata</i>
Beach morning-glory / <i>Pomoea pes-caprae</i>	Coontie / <i>Zamia integrifolia</i>
MODERATE SALT TOLERANCE	
Coleus / <i>Coleus blumei</i>	Japanese honeysuckle / <i>Lonicera japonica</i>
Common bermudagrass / <i>Cynodon dactylon</i>	Partridgeberry / <i>Mitchella repens</i>
Blanket flower / <i>Gaillardia pulchella</i>	Purple queen / <i>Setcreasea pallida</i>
Transvaal daisy / <i>Gerbera jamesonii</i>	St. Augustine grass / <i>Stenotaphrum secundatum</i>
Japanese garden juniper / <i>Juniperus chinensis</i> Var. <i>procumbens</i>	Wandering jew / <i>Zebrina pendula</i>

Table 5.

Table 5. Salt Tolerance of Vines, North Florida	
Common Name / <i>Scientific Name</i>	Common Name / <i>Scientific Name</i>
GOOD SALT TOLERANCE	
Creeping fig / <i>Ficus pumila</i>	Matrimony vine / <i>Lycium halimifolium</i>
Algerian ivy / <i>Hedera canariensis</i>	Virginia creeper / <i>Parthenocissus quinquefolia</i>
English ivy / <i>Hedera helix</i>	Confederate jasmine / <i>Trachelospermum</i>
Flowering jasmine / <i>Jasminum floridum</i>	
LOW SALT TOLERANCE	
Painted trumpet / <i>Clytostoma callistegioides</i>	