



CHRISTENSEN'S PLANT CENTER

SALT TOLERANT LANDSCAPE PLANTS

Soil salt damages a plant by reducing its ability to absorb water and take up plant nutrients. Excessives sodium causes soil to break down resulting in poor drainage and lack of proper oxygen.

Some of the symptoms are leaf discoloration, browning and shedding needles, scorched leaf edges, small leaves (producing a thin crown look), early fall color, and/or clumping foliage. Please remember when trying to diagnose plant damage, all of the above signs can also be caused by a variety of other factors, including root damage, drought, disease, or chemical misuse.

SOIL SALT TOLERANT PLANTS

Damage due to excessive soil salt generally appears in mid to late summer.

TREES:

Aesculus hippocastanum
Acer platanoides
 'Crimson King'
 'Deborah'
 'Emerald Lustre'
 'Emerald Queen'
 'Royal Red'
Amelanchier canadensis
Caragana arborescens
Catalpa species
Celtis occidentalis
Gleditsia triacanthos inermis
 'Shademaster'
 'Skyline'
Gymnocladus dioicus
Ginkgo biloba
 'Autumn Gold'
 'Princeton Sentry'
Juglans nigra
Liquidambar styraciflua
Nyssa sylvatica
Platanus occidentalis
Prunus serotina
Quercus species
 alba
 bicolor
 macrocarpa
 palustris
 rubra
Tilia americana
Syringa reticulata 'Ivory Silk'

EVERGREENS:

Juniperus chinensis
 'Pfitzeriana'
 'sargentii'
 'Sea Green'
Larix species

Picea species
 abies
 pungens
Pinus species
 mugo
 nigra
Taxodium distichum

SHRUBS:

Buxus microphylla cultivars
Caragana arborescens
Euonymus alatus 'Compactus'
Forsythia x intermedia cvs.
Hippophae rhamnoides
Hydrangea arborescens 'Annabelle'
Hydrangea paniculata
 'Grandiflora'
 'Tardiva'
 'Unique'
Hydrangea quercifolia 'Alice'
Myrica pensylvanica
Philadelphus species
Prunus virginiana
Pyracanthus species
Ribes alpinum 'Green Mound'
Rosa rugosa
Rhus aromatica 'Gro-low'
Rhus glabra 'Laciniata'
Rhus typhina 'Laciniata'
Sambucus canadensis
Spiraea x vanhouttei
Syringa
 meyeri 'Palabin'
 patula 'Miss Kim'

PERENNIALS:

Achillea species & cultivars
Armeria maritima
Artemisia
 'Powis Castle'
 "Silvermound"

Aster species & cultivars
Bergenia cordifolia
Dianthus hybrids
Euphorbia polychroma
Gaillardia cultivars
Hedera helix
Helleborus orientalis
Hemerocallis cultivars
Heuchera 'Palace Purple'
Hosta plantaginea species
Iberis sempervirens
Iris
 ensta
 pallida
 siberica
Liriope spicata cultivars
Lonicera x heckrotii
Lupinus polyphyllus
Oenothera speciosa
Parthenocissus quinquefolia
Saponaria species
Sedum
 'Autumn Joy'
 'Brilliant'
Thymus species & cultivars
Veronica spicata
Waldsteinia ternata

GRASSES:

Calamagrostis acutifolia
 'Avalanche'
 'Karl Foerster'
 'Overdam'
Elymus arenarius
Festuca 'Elijah Blue'
Miscanthus sinensis cultivars
Panicum virgatum
Pennisetum alopecuroides 'Hameln'
Schizachyrium scoparium



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SALT TOLERANT LANDSCAPE PLANTS

Salt spray from nearby roadways can damage or kill landscape plants. Evergreens will begin to brown in late winter, with the foliage on the roadward side affected first. The browning begins at the tips of the needles, moving towards the base. Severely damaged plants will shed prematurely, leaving bare branches.

On deciduous trees salt spray damage causes problems throughout the growing season. Some of the symptoms are leaf discoloration, scorched leaf edges, small leaves (producing a thin crown look), early fall color, and/or clumping foliage. Flower buds may fail to grow or fail to open. Symptoms can become very visible during periods of hot, dry weather. Please remember when trying to diagnose plant damage, all of the above signs can also be caused by a variety of other factors, including root damage, drought, disease, or chemical misuse.

SALT SPRAY TOLERANT PLANTS

Damage due to salt spray generally appears in February to early March.

TREES:

Acer ginnala
'Flame'
Acer platanoides
'Crimson King'
'Deborah'
'Emerald Lustre'
'Emerald Queen'
'Royal Red'
Acer saccharum 'Green Mountain'
Amelanchier
canadensis
x g. 'Autumn Brilliance'
x g. 'Princess Diana'
laevis
Betula alleghaniensis
Catalpa speciosa
Celtis occidentalis
Gleditsia triacanthos inermis
'Shademaster'
'Skyline'
Gymnocladus dioicus
Ginkgo biloba
'Autumn Gold'
'Princeton Sentry'
Juglans nigra
Liriodendron tulipifera
Magnolia x soulangiana
Malus
zumi 'Calocarpa'
'Adams'
'Donald Wyman'
'Prairie Fire'
Nyssa sylvatica
Ostrya virginiana
Platanus occidentalis

Pyrus calleryana
'Aristocrat'
'Chanticleer-Cleveland'
'Redspire'
Quercus species
alba
macrocarpa
palustris
rubra
Salix alba 'Tristis'
Syringa reticulata 'Ivory Silk'
Tilia americana 'Redmond'
Tilia cordata
'Glenleven'
'Greenspire'
Ulmus hybrids
'Accolade'
'Commendation'
'Danada Charm'
'Homestead'
'Pioneer'
'Triumph'
'Van Guard'

EVERGREENS:

Juniperus chinensis
'Phitzeriana'
'p. Nick's Compact'
sargentii
'Sea Green'
Larix decidua
laricina
Picea pungens glauca
Pinus
mugo
nigra

SHRUBS:

Alnus rugosa
Aronia melanocarpa
Euonymus alatus 'Compactus'
Forysthia
'Meadowlark'
'Northern Sun'
'Sunrise'
Hamamelis virginiana
Hydrangea arborescens 'Annabelle'
Hydrangea paniculata
'Grandiflora'
'Tardiva'
'Unique'
Hydrangea quercifolia 'Alice'
Ilex verticillata
Ribes alpinum 'Green Mound'
Rhus glabra 'Laciniata'
Rhus typhina 'Laciniata'
Sambucus canadensis
Syringa vulgaris & cultivars
'Charles Jolly'
'Edith Cavell'
'Monge'
'President Grevy'
Viburnum dentatum & cvs.
'Autumn Jazz'
'Chicago Luster'
Viburnum lentago
Viburnum opulus 'Compactum'
Viburnum trilobum & cultivars
'Compactum'
'Compactum Alfredo'
'Compactum Bailey'
'Hahs'
'Redwing'