

**Plants That Tolerate Shade\*****Trees**

*Amelanchier* - Serviceberry  
*Cercis Canadensis* – Eastern Redbud  
*Cornus mas* – Cornelian Cherry Dogwood  
*Hamamelis* - Witchhazel  
*Magnolia*  
*Acer palmatum* – Japanese Maple  
*Alnus glutinosa* – Black Alder  
*Carpinus caroliniana* – American Hornbeam  
*Carpinus betulus* – European Hornbeam  
*Chionanthus virginicus* – White Fringe Tree  
*Cornus alternifolia* – Pagoda Dogwood  
*Cornus florida* – Flowering Dogwood  
*Cornus kousa* – Kousa Dogwood  
*Crataegus crus-galli* 'Inermis' – Thornless Hawthorn  
*Crataegus viridis* – Green Hawthorn  
*Fagus sylvatica* – European Beech

**Shrubs**

*Aronia* - Chokeberry  
*Buxus* - Boxwood  
*Clethra* - Summersweet  
*Cornus racemosa* – Grey Dogwood  
*Cornus sericea* – Redosier Dogwood  
*Hydrangea quercifolia* – Oakleaf Hydrangea  
*Viburnum*  
*Corylus* - Hazelnut  
*Cotinus* - Smokebush  
*Cotoneaster*  
*Euonymus*  
*Fothergilla*  
*Hibiscus syriacus* – Rose of Sharon  
*Hypericum* – St. Johnswort  
*Itea* - Sweetspire  
*Kerria* – Japanese Kerria  
*Myrica* - Bayberry  
*Philadelphus* - Mockorange  
*Physocarpus* - Ninebark  
*Rhododendron* (deciduous azaleas)  
*Rhus* - Sumac  
*Ribes* – Alpine Currant

**Evergreens**

*Taxus* - Yew  
*Thuja* - Arborvitae  
*Tsuga canadensis* – Canadian Hemlock  
*Chamaecyparis* – False Cypress  
*Microbiota* – Carpet Cypress  
*Picea abies* – Norway Spruce  
*Pinus mugo* – Mugo Pine  
*Pinus strobus* – White Pine  
*Buxus* - Boxwood  
*Euonymus fortunei* - Euonymus  
*Ilex* - Holly  
*Mahonia* – Oregon Grape Holly  
*Rhododendron*

\*Not all plants listed will achieve maximum or ideal growth and vigor depending on the density of the shade conditions.

**Plants that Tolerate Wet Conditions****Trees**

*Alnus* - Alder  
*Amelanchier* - Serviceberry  
*Betula nigra* – River Birch  
*Fraxinus pennsylvanica* – Green Ash  
*Gleditsia* - Honeylocust  
*Gymnocladus* – Kentucky Coffee Tree  
*Hamamelis* - Witchhazel  
*Larix* - Larch  
*Platanus acerifolia* - Planetree  
*Populus* - Poplar  
*Quercus bicolor* – Swamp White Oak  
*Quercus palustris* – Pin Oak  
*Salix* - Willow  
*Taxodium* – Bald Cypress

**Shrubs**

*Aronia* - Chokeberry  
*Clethra* - Summersweet  
*Cornus racemosa* – Grey Dogwood  
*Cornus sericea* - Redosier Dogwood  
*Hypericum* – St. Johnswort  
*Myrica pennsylvanica* – Northern Bayberry  
*Viburnum dentatum* – Arrowwood Viburnum  
*Viburnum opulus* – European Viburnum  
*Viburnum trilobum* – Dwarf American Cranberry

**Evergreens**

*Thuja* - Arborvitae

**Plants that are Salt Tolerant\*****Trees**

*Acer platanoides* – Norway Maple  
*Amelanchier* - Serviceberry  
*Celtis* - Hackberry  
*Cercidiphyllum japonicum* - Katsura  
*Fraxinus* - Ash  
*Ginkgo*  
*Gleditsia* - Honeylocust  
*Gymnocladus* – Kentucky Coffee Tree  
*Hamamelis* - Witchhazel  
*Hypericum* – St. Johnswort  
*Larix* - Larch  
*Populus* - Poplar  
*Syringa reticulata* – Japanese Tree Lilac  
*Quercus* - Oak  
*Taxodium distichum* – Bald Cypress

**Shrubs**

*Aronia* - Chokeberry  
*Clethra* - Summersweet  
*Cotoneaster acutifolia* – Peking Cotoneaster  
*Hydrangea*  
*Philadelphus virginialis* - Mockorange  
*Potentilla*  
*Prunus x cistena* – Purpleleaf Plum  
*Rhus aromatica* – Gro-low Sumac  
*Ribes alpinum* – Alpine Currant  
*Rosa* (shrub types) - Rose  
*Viburnum dentatum* – Arrowwood Viburnum  
*Viburnum prunifolium* – Blackhaw Viburnum



## Evergreens

*Pinus mugo* – Mugo Pine  
*Pinus nigra* – Austrian Pine  
*Picea pungens* – Colorado Spruce

\*All de-icing products, when applied excessively, will damage or kill trees and shrubs.

## Plants That Tolerate Poor, Dry Soils

### Trees

*Acer ginnala* – Amur Maple  
*Betula* - Birch  
*Carpinus* - Hornbeam  
*Celtis* - Hackberry  
*Crataegus* - Hawthorn  
*Fraxinus* - Ash  
*Gleditsia* - Honeylocust  
*Gymnocladus* – Kentucky Coffee Tree  
*Syringa reticulata* – Japanese Tree Lilac  
*Viburnum prunifolium* – Blackhaw Viburnum

### Shrubs

*Aronia* - Chokeberry  
*Berberis* - Barberry  
*Cornus racemosa* – Grey Dogwood  
*Cotoneaster*  
*Juniperus* - Juniper  
*Myrica pennsylvanica* – Northern Bayberry  
*Philadelphus virginialis* - Mockorange  
*Physocarpus* - Ninebark  
*Potentilla*  
*Rhus* - Sumac  
*Ribes alpinum* – Alpine Currant  
*Rosa rugosa* – Rugosa Rose  
*Spiraea japonica* – Japanese Spirea  
*Syringa meyeri* – Dwarf Korean Lilac  
*Viburnum dentatum* – Arrowwood Viburnum

### Evergreens

*Pinus* - Pine

## Plants That Tolerate Urban Conditions\*

### Trees

*Acer ginnala* – Amur Maple\*\*  
*Celtis* - Hackberry\*\*  
*Chionanthus virginicus* – White Fringe Tree  
*Crataegus* - Hawthorn  
*Fraxinus* - Ash  
*Ginkgo*  
*Gleditsia* - Honeylocust  
*Gymnocladus* – Kentucky Coffee Tree  
*Hamamelis* - Witchhazel  
*Magnolia x soulangiana* – Saucer Magnolia  
*Magnolia stellata* – Star Magnolia  
*Malus* - Crabapple\*\*  
*Platanus* - Planetree  
*Pyrus calleryana* – Ornamental Pear  
*Taxodium distichum* – Bald Cypress  
*Tilia* - Linden

## Shrubs

*Aronia* - Chokeberry\*\*  
*Berberis* - Barberry  
*Clethra* - Summersweet  
*Cornus mas* – Cornelian Cherry Dogwood\*\*  
*Cornus racemosa* – Grey Dogwood  
*Cornus sericea* - Redosier Dogwood  
*Cotoneaster*  
*Euonymus*  
*Forsythia*\*\*  
*Myrica pennsylvanica* – Northern Bayberry  
*Ribes alpinum* – Alpine Currant  
*Spiraea x vanhouttei* – Vanhoutte Spirea  
*Viburnum dentatum* – Arrowwood Viburnum\*\*  
*Viburnum*  
*Weigela*  
*Yucca filamentosa* - Yucca

## Evergreens

*Pinus Nigra* – Austrian Pine  
*Taxus* - Yew  
*Juniperus* - Juniper

\* "Urban conditions" refers to the presence of higher levels of pollution due to soot, dust and carbon monoxide, and salt or de-icing products.

\*\* These plants are identified as being more tolerant of drying winds and rapid temperature changes created by building and street micro-climates.

## Trees Under 15' in Height

*Acer ginnala* – Amur Maple  
*Acer palmatum* – Japanese Maple  
*Amelanchier canadensis* – Shadblow Serviceberry  
*Betula nigra 'Little King'* – Fox Valley River Birch  
*Chionanthus virginicus* – White Fringe Tree  
*Cornus alternifolia* – Pagoda Dogwood  
*Hamamelis vernalis* – Vernal Witchhazel  
*Magnolia 'Ann'*  
*Magnolia 'Betty'*  
*Magnolia 'Jane'*  
*Magnolia 'Susan'*  
*Magnolia x soulangiana 'Alexandrina'* – Saucer Magnolia  
*Magnolia stellata 'Royal Star'* – Royal Star Magnolia  
*Malus floribunda* – Japanese Flowering Crabapple  
*Malus 'Ivazam'* – Ivanhoe Crabapple  
*Malus 'Lanzam'* – Lancelot Crabapple  
*Malus 'Louisa'* – Louisa Crabapple  
*Malus 'Pink Princess'* – Pink Princess Crabapple  
*Malus 'Prairifire'* – Prairifire Crabapple  
*Malus 'Red Jewel'* – Red Jewel Crab  
*Malus sargentii* – Sargent Crabapple  
*Malus sargentii 'Tina'* – Tina Crabapple  
*Malus 'Sutzam'* – Sugar Tyme Crabapple  
*Prunus subhirtella 'Snofozam'* – Snow Fountain Weeping Cherry  
*Syringa reticulata 'Ivory Silk'* – Ivory Silk Japanese Lilac  
*Viburnum prunifolium* – Blackhaw Viburnum

## Evergreens

*Picea abies 'Nidiformis'* – Birds Nest Spruce  
*Picea glauca 'Conica'* – Dwarf Alberta Spruce  
*Picea omorika 'Nana'* – Dwarf Serbian Spruce  
*Pinus strobus 'Nana'* – Dwarf White Pine  
*Pinus aristata* – Bristlecone Pine

