

**PLANT GUIDE  
FOR LANDSCAPING AND BUFFERING**

A. Recommended Shade Trees Suitable for Street Trees or Parking Lots as well as Buffers and Screens

<b>Botanic Name</b>	<b>Common Name</b>	<b>Comments</b>
Acer rubrum	Red Maple	
Celtis occidentalis	Hackberry	
Cladastris lutea	Yellow Wood	
Corylus colurna	Turkish Filbert	
Ginkgo biloba	Ginkgo	(male only)
Gleditsia triacanthos, inermis & cvs	Thornless Honeylocust	
Koelreuteria paniculata	Golden Rain Tree	
Liquidambar styraciflua	Sweet Gum	
Platanus occidentalis	Sycamore	
Quercus bicolor	Swamp White Oak	
Quercus borealis	Scarlet Oak	
Quercus imbricaria	Shingle Oak	
Quercus phellos	Willow Oak	
Quercus prinus	Chestnut Oak	
Quercus rubra	Red Oak	
Robinia pseudoacacia	Black Locust	
Sopohora japonica	Japanese Pagodatree	
Tilia americana	American Linden	
Tilia cordata & cvs.	Little Leaf Linden	
Tilia tomentosa	Silver Linden	
Ulmus sp. & cvs.	Elm	(Species with high resistance to Dutch Elm Disease)
Zelkova serrata	Japanese Selkova	

B. Recommended Shade or Canopy Trees Suitable for Property Line Buffers and Non-vehicular Use Areas Only

<b>Botanic Name</b>	<b>Common Name</b>	<b>Comments</b>
Acer saccharinum	Silver Map	(Large over-extending limbs open areas only)
Acer saccharum	Sugar Maple	
Betula lenta	Sweet Birch	
Betula nigra	River Birch	
Carya ovata	Shagbark Hickory	
Carya sp.	Hickory	
Fagus grandifolia	American Beech	
Fagus sylvatica	European Beech	
Fraxinus americana	White Ash	
Juglans nigra	Black Walnut	
Liriodendron tulipifera	Tuliptree	

Meta sequoia glypostroboides Dawn Redwood  
Ostrya virginiana Hop Hornbeam

<b>Botanic Name</b>	<b>Common Name</b>	<b>Comments</b>
Phellodendron amurense	Amur Cork Tree	
Plantanus acerifolia	London Plane	
Prunus virginiana	Chokecherry	
Quercus alba	White Oak	
Quercus coccinea	Scarlet Oak	
Quercus palustris	Pin Oak	
Quercus vellutina	Black Oak	
Sassafras albindum	Sassafras	

C. Recommended Ornamentals-Suitable for Property Line Buffers or Site Element Screens (10-30 feet at maturity)

<b>Botanic Name</b>	<b>Common Name</b>	<b>Comments</b>
Amelanchier canadensis	Serviceberry	
Carpinus carolinia	Ironwood	
Cercis candensis	Red Bud	
Chioanthus virginicus	Fringetree	
Cornus florida	Flowering Dogwood	
Cornus kousa	Japanese Dogwood	
Cornus mas	Cornelian Cherry	
Crataegus sp. & cvs.	Hawthorns	
Eleagnus augustofolia	Russian Olive	
Halesia carolinia	Silverbells	
Hammamelis virginiana	Witch Hazel	
Koelreuteria paniculata	Golden Raintree	
Laburnum vossi	Goldenchain	
Magnolia soulangeana	Saucer Magnolia	
Magnolia virginiana	Sweetbay Magnolia	
Malus sp.	Crab Apple Species	(apple scab resistance variety only)
Oxydendrum arboreum	Sourwood	
Prunus sargentii	Sargent Cherry	
Prunus serrulata cv Kwanzan	Kwanzan Cherry	
Pyrus calleryana cv Bradford	Bradford Pear	
Pyrus calleryana cv Redspire	Redspire Pear	
Rhus glabra	Smooth Sumac	
Rhus typhina	Staghorn Sumac	
Sorbus aucuparia	European Mountain Ash	
Styrax japonica	Japanese Snowbell	
Synga amurensis japonica	Japanese Tree Lilac	

D. Large Deciduous Shrubs Suitable for Use in Property Line Buffers or Site Element Screen (not clipped hedges) (mature height between 5 and 15 feet)

<b>Botanic Name</b>	<b>Common Name</b>	<b>Comments</b>
<i>Aronia arbutifolia</i>	Black Chokeberry	
<i>Calycanthus floridus</i>	Sweet Shrub	
<i>Cephalanthus occidentalis</i>	Buttonbush	
<i>Clethra acuminata</i>	Summersweet	
<i>Cornus serica</i>	Red Osier Dogwood	

<b>Botanic Name</b>	<b>Common Name</b>	<b>Comments</b>
<i>Enkianthus campanulatus</i>	Redvien Enkianthus	
<i>Euonymous alatus</i>	Burning Bush	
<i>Forsythia sp.</i>	Forsythia	
<i>Fothergilla major</i>	Large Fothergilla	
<i>Ilex verticilsata</i>	Winterberry	
<i>Lindera benzoin</i>	Spicebush	
<i>Lonicera spp. (shrubbery variety)</i>	Honeysuckle Bush	
<i>Myrica pennsylvania</i>	Bayberry	
<i>Philadelphus spp.</i>	Mock Orange	
<i>Pysocarpus opulifolius</i>	Common Ninebark	
<i>Sambucus canadensis</i>	Elderberry	
<i>Spiraea nipponica</i>	Snow Mound Spirea	
<i>Vaccinium corymbosum</i>	Blueberry	
<i>Viburnum dentatum</i>	Arrow Wood	
<i>Viburnum lentago</i>	Nannyberry	
<i>Viburnum prunifolium</i>	Black Haw	
<i>Viburnum spp.</i>	Other large Viburnums	
<i>Viburnum trilobum</i>	American Cranberry	

E. Deciduous or Evergreen Shrubs Suitable for Clipped Hedges in Property Line Buffers or Site Element Screens (6-20 feet at maturity)

<b>Botanic Name</b>	<b>Common Name</b>	<b>Comments</b>
<i>Acanthopanax pentaphyllum</i>	Five Leaf Aralia	
<i>Aronia arbutifolia</i>	Chokeberry	
<i>Berberis sp.</i>	Barberry Sp.	
<i>Cornus mas</i>	Cornelian Cherry	
<i>Cotoneaster salicifolia</i>	Willowleaf Cotoneaster	
<i>Euonymous alatus</i>	Winged Euonymous	
<i>Euonymous fortuneii</i>		
<i>vegetus sarcoxie</i>	Big Leaf Wintercreeper	
<i>Ilex crenata compacta</i>	Compact Japanese Holly	
<i>Ilex glabra</i>	Inkberry	
<i>Ilex crenata hetzi</i>	Hetz Holly	
<i>Juniperus chinensis</i>		

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Appendix A**

pfitzeriana compacta	Compact Pfitzer Juniper
Ligustrum ibolium	Ibolium Privet
Lonicera fragrantissima	Winter Honeysuckle
Philadelphus lemissionei	Mock Orange
Ribes alpinum	Current
Taxux baccata	English Yew
Taxus brownii	Brown's Yew
Taxus canadensis	Canada Yew
Taxus densiformis	Dense Yew
Taxus media Hatfieldi	Hatfield Yew
Viburnum dentatum	Arrow Wood
Viburnum lentago	Nannyberry
Viburnum opulus	European Cranberry Bush
Viburnum prunifolium	Black Haw

<b>Botanic Name</b>	<b>Common Name</b>	<b>Comments</b>
Thuja sp.	Arborvitae	

F. Evergreen Shrubs Suitable for Site Element Screens

<b>Botanic Name</b>	<b>Common Name</b>	<b>Comments</b>
Azalea-evergreen species	Azalea	must reach 3-foot height
Chamaecyparis obtusa	Chamaecyparis	
Chamaecyparis pisifera	Chamaecyparis	
Ilex crenata "hetzi"	Japanese Holly	
Ilex glabra	Inkberry	
Ilex mesevvea	Blue Holly Series	
Juniperus virginiana	Eastern Red Ceder	
Kalmia latifolia and cvs	Mountain Laurel	
Leucothoe fontanessiana	Leucothoe	
Pieris floribunda	Mountain Andromeda	
Peiris japonica	Japanese Andromeda	
Rhododendron sp.	Various Large Rhododendrums	
Taxus sp.	Yew	
Thuja Sp.	Arbovitae	
Viburnum rhyzidophillum	Leatherleaf Viburnum	

G. Evergreen Trees Suitable for Property Line Buffers or Site Element Screens

<b>Botanic Name</b>	<b>Common Name</b>	<b>Comments</b>
Abies concolor	White Fir	
Ilex opaca	American Holly	
Picea abies	Norway Spruce	
Picea omorika	Siberian Spruce	
Picea pungens	Colorado Spruce	
Pinus strobus	White Pine	

Pinus thunbergii	Japanese Black Pine
Pseudotsuga menziesii	Douglas Fir
Tsuga canadensis	Canadian Hemlock
Tsuga caroliniana	Carolina Hemlock

H. Canopy Trees Suitable for Storm Water Detention Basins

Note: \* = Usually well drained, but subject to occasional flooding  
+ = Permanently wet areas

<b>Botanic Name</b>	<b>Common Name</b>	<b>Comments</b>
Acer rubrum	Red Maple	+
Acer saccharinum	Silver Maple	*
Betula nigra	River Birch	*
Fraxinus americana	White Ash	*
Ilex opaca	American Holly	*
Liquidambar styraciflua	Sweet Gum	+
Nyssa sylvatica	Black Gum	*
Quercus phellos	Willow Oak	*

<b>Botanic Name</b>	<b>Common Name</b>	<b>Comments</b>
Quercus bicolor	Swamp White Oak	+
Quercus pallustris	Pin Oak	*
Taxodium distichum	Bald Cypress	+

I. Deciduous/Evergreen Ornamental Trees Suitable for Stormwater Detention Basins

Note: \* = Usually well drained, but subject to occasional flooding  
+ = Permanently wet areas

<b>Botanic Name</b>	<b>Common Name</b>	<b>Comments</b>
Amelanchier canadensis	Shadbush	*
Carpinus carolinia	Ironwood	*
Chloanthus virginiana	Fringetree	*
Magnolia virginiana	Sweetbay	*
Salix caprea	Willow	+
Salix discolor	Willow	+
Thuja occidentalis cv nigra	Arborvitae	*

J. Deciduous or Evergreen Shrubs Suitable for Stormwater Detention Basins

<b>Botanic Name</b>	<b>Common Name</b>	<b>Comments</b>
Aronia arbutifolia	Red Chokeberry	+
Caly canthus florida	Sweetshrub	*
Cephalanthus occidentalis	Button Bush	+
Clethra alnifolia	Summersweet	+

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Appendix A**

Cornus amomum	Silky Dogwood		+
Cornus serica	Red-Stem Dogwood		+
Hammamelis virginiana	Witch Hazel		*
Ilex glabra	Inkberry	+	
Ilex verticillata	Winterberry		+
Lindera benzoin	Spice Bush		*
Myrica cerifera	Southern Bayberry		*
Myrica pennsylvanica	Northern Bayberry		+
Rhododendron nudiflorum	Pinxterbloom Azalea	+	
Rhododendron viscosim	Swamp Azalea		+
Sambucus canadensis	Elderberry		*
Viburnum cassanoides	Witherod		*
Viburnum dentatum	Arrow Wood		*
Viburnum lentago	Nannyberry		*
Viburnum tribolum	American Cranberry		*

K. Herbaceous Perennials Suitable for Detention Basins

Note: \* = Usually well drained, but subject to occasional flooding  
+ = Permanently wet areas

<u>Botanic Name</u>	<u>Common Name</u>	<u>Comments</u>
Aster novae angliae	New England Aster	*

<u>Botanic Name</u>	<u>Common Name</u>	<u>Comments</u>
Chrysanthemum leucanthemum	Ox-Eye Daisy	*
Echinacea purpurea	Purple Cornflower	*
Eupatorium dubium	Jo Pye Weed	*+
Eupatorium fistulosum	Hollow Joe Pye Weed	*+
Hemerocallis sp.	Day Lily	*
Hesperis matronalis	Dames Rocket	*
Hibiscus moscheutos	Rose Mallow	+
Iris pseudocaris	Yellow Iris	*+
Iris versicolor	Blue Flag	+
Lobelia cardinalis	Cardinal Flower	*+
Lobelia siphilitica	Blue Lobelia	*+
Monarda didyma	Bee Balm	*
Panicum virgatum	Switchgrass	*+
Phalaris arundinacea	Canary Reed Grass	*
Rudbeckia sp.	Black Eyed Susan	*
Scirpus acutus	Hard Stem Bullrush	+
Spartina alternifolia	Cordgrass	+
Typha angustifolia	Narrowleaf Cattail	+
Typha latifolia	Common Cattail	+
Veronia noveboracensis	New York Iron Weed	*+