

**PLANT GUIDE
FOR LANDSCAPING AND BUFFERING**

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

Botanic Name	Common Name	Comments
Acer rubrum	Red Maple	
Celtis occidentalis	Hackberry	
Cladastris lutea	Yellow Wood	
Corylus columna	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	
Sophora 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

Botanic Name	Common Name	Comments
Acer saccharinum	Silver Maple	(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	

Botanic Name	Common Name	Comments
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)

Botanic Name	Common Name	Comments
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	
Syninga 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)

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

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

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

Botanic Name	Common Name	Comments
Acanthopanax pentaphyllum	Five Leaf Aralia	
Aronia arbutifolia	Chokeberry	
Berberis sp.	Barberry Sp.	
Cornus mas	Cornelian Cherry	
Cotoneaster salicifolia	Willowleaf Cotoneaster	
Euonymous alatus	Winged Euonymous	
Euonymous fortuneii vegetus sarcoxie	Big Leaf Wintercreeper	
Ilex crenata compacta	Compact Japanese Holly	
Ilex glabra	Inkberry	
Ilex crenata hetzi	Hetz Holly	
Juniperus chinensis pfitzeriana compacta	Compact Pfitzer Juniper	
Ligustrum ibolium	Ibolium Privet	
Lonicera fragrantissima	Winter Honeysuckle	
Philadelphus lemionei	Mock Orange	
Ribes alpinum	Current	
Taxus 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	

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

F. Evergreen Shrubs Suitable for Site Element Screens

<u>Botanic Name</u>	<u>Common Name</u>	<u>Comments</u>
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

<u>Botanic Name</u>	<u>Common Name</u>	<u>Comments</u>
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

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

Botanic Name	Common Name	Comments
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

Botanic Name	Common Name	Comments
Amelanchiar 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

Botanic Name	Common Name	Comments
Aronia arbutifolia	Red Chokeberry	+
Caly canthus florida	Sweetshrub	*
Cephalanthus occidentalis	Button Bush	+
Clethra alnifolia	Summersweet	+
Cornus amonum	Silky Dogwood	+
Cornus serica	Red-Stem Dogwood	+
Hammamelis virginiana	Witch Hazel	*
Ilex glabra	Inkberry	+
Ilex verticilata	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

Botanic Name	Common Name	Comments
Aster novae angliae	New England Aster	*

**Brimfield Township
Appendix A**

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