

**Brimfield Township
Appendix A**

**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 colurna	Turkish Filbert	
Ginkgo biloba	Ginkgo	
Gleditsia triacanthos, inermis & cvs	Thornless Honeylocust	(male only)
Koelreuteria paniculata	Golden Rain Tree	
Liquidamber styraciflua	Sweet Gum	
Plantanus 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 tree 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	
Beluta lenta	Sweet Birch	
Beluta 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	

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Botanic Name	Common Name	Comments
<i>Meta sequoia glypostroboides</i>	Dawn Redwood	
<i>Ostrya virginiana</i>	Hop Hornbeam	
<i>Phellodendron amurense</i>	Amur Cork Tree	
<i>Plantanus acerifolia</i>	London Plane	
<i>Prunus virginiana</i>	Chokeberry	
<i>Quercus alba</i>	White Oak	
<i>Quercus coccinea</i>	Scarlet Oak	
<i>Quercus palustris</i>	Pin Oak	
<i>Quercus vellutina</i>	Black Oak	
<i>Sassafras albindum</i>	Sassafras	

C. Recommended ornamentals suitable for property line buffers or site element screens (10'-30' at maturity)

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

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D. Large deciduous shrubs suitable for use in property line buffers or site element screen (not clipped hedges) (mature height between 5' and 15').

Botanic Name	Common Name	Comments
<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	
<i>Enkianthus campanulatus</i>	Redvien Enkianthus	
<i>Euonymous alatus</i>	Burning Bush	
<i>Forsythia</i> sp.	Forsythia	
<i>Fothergilla major</i>	Large Fothergilla	
<i>Ilex verticilsata</i>	Winterberry	
<i>Lindera benzoin</i>	Spicebush	
<i>Lonicera</i> spp. (shrubbery variety)	Honeysuckle Bush	
<i>Myrica pennsylvania</i>	Bayberry	
<i>Philadelphus</i> spp.	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</i> spp.	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' at maturity)

Botanic Name	Common Name	Comments
<i>Acanthopanax pentaphyllum</i>	Five Leaf Aralia	
<i>Aronia arbutifolia</i>	Chokeberry	
<i>Berberis</i> sp.	Barberry sp.	
<i>Cornus mas</i>	Cornelian Cherry	
<i>Cotoneaster salicifolia</i>	Willowleaf Cotoneaster	
<i>Euonymous alatus</i>	Winged Euonymous	
<i>Euonymous fortunei</i> <i>vegetus sarcocoe</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> <i>pfitzeriana compacta</i>	Compact Pfitzer Juniper	
<i>Ligustrum ibolium</i>	Ibolium Privet	

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Botanic Name	Common Name	Comments
Lonicera fragrantissima	Winter Honeysuckle	
Philadelphus lemnifolius	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	
Thuja sp.	Arborvitae	
Viburnum dentatum	Arrow Wood	
Viburnum lentago	Nannyberry	
Viburnum opulus	European Cranberry Bush	
Viburnum prunifolium	Black Haw	

F. Evergreen shrubs suitable for site element screens

Botanic Name	Common Name	Comments
Azalea-evergreen species	Azalea	must reach 3' height
Chamaecyparis obtuse	Chamaecyparis	
Chamaecyparis pisifera	Chamaecyparis	
Ilex crenata "hetzi"	Japanese Holly	
Ilex glabra	Inkberry	
Ilex mesevvea	Blue Holly Series	
Juniperus virginiana	Eastern Red Cedar	
Kalmia latifolia and cvs	Mountain Laurel	
Leucothoe fontanessiana	Leucothoe	
Pieris floribunda	Mountain Andromeda	
Pieris japonica	Japanese Andromeda	
Rhododendron sp.	Various Large Rhododendrons	
Taxus sp.	Yew	
Thuja sp.	Arborvitae	
Viburnum rhytidophyllum	Leatherleaf Viburnum	

G. Evergreen trees suitable for property line buffers or site element screens

Botanic Name	Common Name	Comments
Abies concolor	White Fir	
Ilex opaca	American Holly	
Picea abies	Norway Spruce	
Picea omorika	Siberian Spruce	
Picea pungens	Colorado Spruce	
Pinus strobes	White Pine	
Pinus thunbergii	Japanese Black Pine	
Pseudotsuga menziesii	Douglas Fir	
Tsuga canadensis	Canadian Hemlock	
Tsuga caroliniana	Carolina Hemlock	

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H. Canopy trees suitable for storm water detention basins

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

Botanic Name	Common Name	Comments
<i>Acer rubrum</i>	Red Maple	+
<i>Acer saccharinum</i>	Silver Maple	*
<i>Betula nigra</i>	River Birch	*
<i>Fraxinus americana</i>	White Ash	*
<i>Ilex opaca</i>	American Holly	*
<i>Liquidambar styraciflua</i>	Sweet Gum	+
<i>Nyssa sylvatica</i>	Black Gum	*
<i>Quercus phellos</i>	Willow Oak	*
<i>Quercus bicolor</i>	Swamp White Oak	+
<i>Quercus pallustris</i>	Pin Oak	*
<i>Taxodium distichum</i>	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
<i>Amelanchier canadensis</i>	Shadbush	*
<i>Carpinus carolinia</i>	Ironwood	*
<i>Chloanthus virginiana</i>	Fringetree	*
<i>Magnolia virginiana</i>	Sweetbay	*
<i>Salix caprea</i>	Willow	+
<i>Salix discolor</i>	Willow	+
<i>Thuja occidentalis cv nigra</i>	Arborvitae	*

J. Deciduous or evergreen shrubs suitable for stormwater detention basins

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

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

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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

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