

Subject: Howard County Landscape Manual Updates: Recommended Street Tree List (Appendix B) and Recommended Plant List (Appendix C) - Effective July 1, 2010

To: DLD Review Staff
Homebuilders Committee

From: Kent Sheubrooks, Acting Chief
Division of Land Development

Date: July 1, 2010

Purpose:

The purpose of this policy memorandum is to update the Recommended Plant Lists presently contained in the Landscape Manual. The plant lists were created for the first edition of the Manual in 1993 before information was available about invasive qualities of certain recommended plants contained in those lists (Norway Maple, Bradford Pear, etc.). Additionally, diseases and pests have made some other plants undesirable (Ash, Austrian Pine, etc.). The Howard County General Plan 2000 and subsequent environmental and community planning publications such as the Route 1 and Route 40 Manuals and the Green Neighborhood Design Guidelines have promoted the desirability of using native plants in landscape plantings. Therefore, this policy seeks to update the Recommended Plant Lists by identifying invasive plant species and disease or pest ridden plants for their removal and prohibition from further planting in Howard County and to add other available native plants which have desirable characteristics for street tree or general landscape use for inclusion on the Recommended Plant Lists. Please note that a comprehensive review of the street tree and landscape tree lists were conducted for the purpose of this update, however, only minor deletions and additions were made to the shrub lists.

Invasive Exotic Trees to be Prohibited:

The following invasive exotic trees currently on the Recommended Plant Lists in the Landscape Manual, Appendices 'B' and 'C' are hereby prohibited for further planting use and have been removed from the attached updated Recommended Plant Lists:

- Acer platanoides/ Norway Maple** (species and cultivars)
- Pyrus calleryana/ Bradford Pear** (species and cultivars)
- Quercus acutissima/ Sawtooth Oak**

The following invasive trees were not on the Recommended Plant Lists but are also prohibited for plant use:

Ailanthus altissima/ Tree of Heaven
Albizia julibrissin/ Silk Tree/ Mimosa Tree
Broussonetia papyrifera/ Paper Mulberry
Morus alba/ White Mulberry
Paulownia tomentosa/ Empress/ Princess Tree
Prunus avium/ Sweet Cherry/ Bird Cherry

Other Trees to be Prohibited or Limited

The following trees currently on the Recommended Plant Lists are to be prohibited or strictly limited for further planting use because of their associated problems with disease, pests, undesirable characteristics, maintenance issues and liability concerns:

Medium to Large Trees

Fraxinus species/ Ash (species and all cultivars prohibited because of Emerald Ash Borer)
Liquidambar styraciflua/ Sweetgum (only seedless cultivars allowed as a street tree, DPZ and DPW must approve locations if seed bearing)
Sophora japonica/ Pagoda Tree (species and all cultivars prohibited as a street tree)

Small Trees

Crateagus/ Hawthorne (only thornless and disease resistant species and cultivars allowed; prohibited as a street tree)
Malus species/ Crabapple (only highly disease resistant species and cultivars allowed; prohibited as a street tree)
Prunus cerasifera/ Purpleleaf Plum (prohibited as a street tree)
Prunus yedoensis/ Yoshino Cherry (prohibited as a street tree)
Styrax japonica/ Japanese Snowbell (prohibited as a street tree)

Evergreen Trees

Pinus nigra/ Austrian Pine (prohibited because disease causes mortality)

The following trees were not on the Recommended Plant Lists but are also prohibited for plant use:

Acer negundo/ Boxelder (short-lived, weak wood, prone to storm damage, diseases and insects)
Acer saccharinum/ Silver Maple (same reasons as the above tree)
Betula papyrifera/ Paper Birch (prone to insect damage and short-lived)
Betula pendula/ European White Birch (prone to insect damage and short-lived)
Juglans nigra/ Black Walnut (messy fruit)
Morus species/ Mulberry (weak wood, messy fruit)
Pinus sylvestris/ Scotch Pine (prone to insect damage and disease)
Populus species/ Poplar (short-lived, canker disease and root damage)
Prunus serotina/ Black Cherry (messy fruit)
Tsuga canadensis/ Canadian Hemlock (prone to insect damage)

Invasive Exotic Shrubs to be Prohibited:

The following invasive exotic shrubs currently on the Recommended Plant List in the Landscape Manual, Appendix 'C' are hereby prohibited for further planting use and have been removed from the attached updated Recommended Plant List:

Berberis thunbergii/ Japanese Barberry (species and cultivars)
Euonymus alatus/ Winged Euonymus (species and cultivars)

The following invasive shrubs were not on the Recommended Plant List but are also generally prohibited for plant use:

Spiraea japonica/ Japanese Spiraea
Spiraea thunbergii/ Thunberg Spiraea

Important Note:

The attached updated Recommended Plant Lists will be formally incorporated into the Landscape Manual in a future edition. **In the interim, the attached Recommended Plant Lists supersede the Landscape Manual, Appendices 'B' and 'C' and will be enforced through this policy interpretation.**

For More Information Contact: The DPZ, Division of Land Development at (410)-313-2350 or www.howardcountymd.gov or visit the DPZ's Public Service Desk located on the first floor of the George Howard Building, 3430 Courthouse Drive, Ellicott City, Md. 21043, Monday through Friday from 8:00 am until 5:00 pm.

KS/T:DPZ/Shared/DLD/updatedplantlist

cc: Marsha McLaughlin, Director
Tom Butler, Deputy Director
Kimberley Flowers, Deputy Director
Cindy Hamilton, Chief, DPS&ZA
Susan Overstreet, Acting Chief, RCD
Bryan Moody, DR&P
Tim Overstreet, DR&P
Steve Parker, DPW
Mina Hilsenrath

APPENDIX 'B'

RECOMMENDED STREET TREE LIST

BOTANICAL NAME

COMMON NAME

SIZE – Minimum 2-1/2" to 3" caliper

Small Trees - Plant a maximum of 30 feet apart; 20 to 30 feet in height; (see BGE publication, "Tree Planting Guide" for guidance about planting small to medium sized trees which may not be contained within this plant list for planting beneath overhead utility lines at <http://www.bge.com/vcmfiles/BGE/Files/Tree%20Trimming/TreePlantingGuide.pdf>).

Acer buergerianum	Trident Maple
Acer campestre	Hedge Maple
Acer ginnala	Amur Maple
Acer griseum	Paperbark Maple
Acer tataricum	Tatarian Maple
Cercis canadensis	Eastern Redbud
Crataegus crusgalli 'Inermis'	Thornless Cockspur Hawthorne
Prunus serrulata 'Kwanzan'	Kwanzan Cherry

Medium Trees - Plant a maximum of 40 feet apart; (see BGE publication, "Tree Planting Guide" for guidance about planting small to medium sized trees which may not be contained within this plant list for planting beneath overhead utility lines at <http://www.bge.com/vcmfiles/BGE/Files/Tree%20Trimming/TreePlantingGuide.pdf>).

Cercidiphyllum japonica	Katsura Tree
Cladrastis kentukea (lutea)	Yellowwood
Prunus sargentii	Sargent Cherry

Large Trees - Plant a maximum of 40 feet apart *

Acer rubrum 'Armstrong'	Armstrong Columnar Red Maple
Acer rubrum 'Autumn Flame'	Autumn Flame Red Maple
Acer rubrum 'Bowhall'	Bowhall Red Maple
Acer rubrum 'October Glory'	October Glory Red Maple
Acer rubrum 'Red Sunset'	Red Sunset Red Maple
Acer saccharum 'Green Mountain'	Green Mountain Sugar Maple *
Acer saccharum 'Legacy'	Legacy Sugar Maple *
Aesculus hippocastanum 'Baumann'	Baumann Horsechestnut
Ginkgo biloba 'Autumn Gold'	Autumn Gold Ginkgo (male only)
Ginkgo biloba 'Princeton Sentry'	Princeton Sentry Ginkgo (male only)
Gleditsia triacanthos inermis 'Imperial'	Imperial Thornless Honeylocust
Gleditsia triacanthos inermis 'Shademaster'	Shademaster Thornless Honeylocust

Liquidambar styraciflua 'Rotundiloba'	Rotundiloba Sweetgum (seedless only)
Platanus x acerifolia 'Bloodgood'	Bloodgood London Plane
Platanus x acerifolia 'Columbia'	Columbia London Plane
Quercus coccinea	Scarlet Oak
Quercus phellos	Willow Oak *
Quercus robur 'Fastigiata'	Columnar English Oak
Quercus rubra	Northern Red Oak
Tilia americana 'Redmond'	Redmond American Linden
Tilia cordata 'Chancellor'	Chancellor Littleleaf Linden
Tilia cordata 'Greenspire'	Greenspire Littleleaf Linden
Ulmus americana 'Princeton'	Princeton American Elm
Ulmus americana 'Valley Forge'	Valley Forge American Elm
Ulmus parvifolia	Paperbark Elm, Lacebark Elm
Zelkova serrata 'Village Green'	Village Green Japanese Zelkova

* Large trees permitted in areas with a minimum of 8 feet between curb and sidewalk.

Note:

Other plant species may be considered for street tree planting upon a request for approval from the Department of Planning and Zoning (DPZ) and the Department of Public Works (DPW).

APPENDIX 'C'

RECOMMENDED PLANT LISTS

(For perimeter landscaped edges, stormwater management areas, parking lot internal planting, parking and loading area perimeter edges and internal planting for residential development)

<u>BOTANICAL / COMMON NAME</u>	<u>SIZE</u>	<u>COMMENTS</u>
--------------------------------	-------------	-----------------

DECIDUOUS TREES, LARGE TO MEDIUM, SHADE OR CANOPY

(See BGE publication, "Tree Planting Guide" for guidance about planting small to medium sized trees which may not be contained within this plant list for planting beneath overhead utility lines at <http://www.bge.com/vcmfiles/BGE/Files/Tree%20Trimming/TreePlantingGuide.pdf>)

Acer rubrum 'Armstrong'/ Armstrong Columnar Red Maple	2-1/2" – 3" cal.	a.
Acer rubrum 'Autumn Flame'/ Autumn Flame Red Maple	2-1/2" – 3" cal.	a.
Acer rubrum 'Bowhall'/ Bowhall Red Maple	2-1/2" – 3" cal.	a.
Acer rubrum 'October Glory'/ October Glory Red Maple	2-1/2" – 3" cal.	a.
Acer rubrum 'Red Sunset'/ Red Sunset Red Maple	2-1/2" – 3" cal.	a.
Acer saccharum 'Green Mountain'/ Green Mountain Sugar Maple	2-1/2" – 3" cal.	b.
Acer saccharum 'Legacy'/ Legacy Sugar Maple	2-1/2" – 3" cal.	b.
Aesculus hippocastanum 'Baumann'/ Baumann Horsechestnut	2-1/2" – 3" cal.	
Betula nigra 'Heritage'/ Heritage Clump River Birch	10' – 12' hgt.	b.
Catalpa speciosa/ Northern Catalpa	2-1/2" – 3" cal.	
Cercidiphyllum japonica/ Katsura Tree	2-1/2" – 3" cal.	
Cladrastis kentukea (lutea)/ Yellowwood	2-1/2" – 3" cal.	
Fagus grandifolia/ American Beech	2-1/2" – 3" cal.	
Fagus sylvatica/ European Beech	2-1/2" – 3" cal.	
Ginkgo biloba 'Autumn Gold'/ Autumn Gold Ginkgo	2-1/2" – 3" cal.	male only
Ginkgo biloba 'Princeton Sentry'/ Princeton Sentry Ginkgo	2-1/2" – 3" cal.	male only
Gleditsia triacanthos inermis 'Imperial'/ Imperial Thornless Honeylocust	2-1/2" – 3" cal.	
Gledisia triacanthos inermis 'Shademaster'/ Shademaster Thornless Honeylocust	2-1/2" – 3" cal.	
Larix decidua/ Common Larch/European Larch	6' – 8' hgt.	e.
Liquidambar styraciflua/ American Sweetgum	2-1/2" – 3" cal.	b.
Liquidambar styraciflua 'Rotundiloba'/ Rotundiloba Sweetgum	2-1/2" – 3" cal.	b.
Nyssa sylvatica/ Black Gum	2-1/2" – 3" cal.	
Platanus x acerifolia 'Bloodgood'/ Bloodgood London Plane	2-1/2" – 3" cal.	b.
Platanus x acerifolia 'Columbia'/ Columbia London Plane	2-1/2" – 3" cal.	b.
Prunus sargentii/ Sargent Cherry	2-1/2" – 3" cal.	a.
Quercus bicolor/ Swamp White Oak	2-1/2" – 3" cal.	
Quercus coccinea/ Scarlet Oak	2-1/2" – 3" cal.	
Quercus lyrata/ Overcup Oak	2-1/2" – 3" cal.	
Quercus macrocarpa/ Bur Oak	2-1/2" – 3" cal.	
Quercus palustris/ Pin Oak	2-1/2" – 3" cal.	
Quercus phellos/ Willow Oak	2-1/2" – 3" cal.	

<u>BOTANICAL / COMMON NAME</u>	<u>SIZE</u>	<u>COMMENTS</u>
Quercus robur 'Fastigiata'/ Columnar English Oak	2-1/2" – 3" cal.	
Quercus rubra/ Northern Red Oak	2-1/2" – 3" cal.	
Quercus shumardii/ Schumard Oak	2-1/2" – 3" cal.	
Salix babylonica/ Weeping Willow	1-1/2" – 2" cal.	
Salix niobe/ Niobe Weeping Willow	1-1/2" – 2" cal.	
Sophora japonica/ Japanese Pagoda Tree	2-1/2" – 3" cal.	
Sophora japonica 'Princeton Upright'/ Princeton Upright Japanese Pagoda Tree	2-1/2" – 3" cal.	
Sophora japonica 'Regent'/ Regent Japanese Pagoda Tree	2-1/2" – 3" cal.	
Taxodium distichum/ Common Baldcypress	6' – 8' hgt.	e.
Tilia americana 'Redmond'/ Redmond American Linden	2-1/2" – 3" cal.	
Tilia cordata 'Chancellor'/ Chancellor Littleleaf Linden	2-1/2" – 3" cal.	
Tilia cordata 'Greenspire'/ Greenspire Littleleaf Linden	2-1/2" – 3" cal.	
Tilia tomentosa/ Silver Linden	2-1/2" – 3" cal.	
Ulmus americana 'Princeton'/Princeton American Elm	2-1/2" – 3" cal.	
Ulmus americana 'Valley Forge'/ Valley Forge American Elm	2-1/2" – 3" cal.	
Ulmus parvifolia/ Paperbark Elm, Lacebark Elm	2-1/2" – 3" cal.	
Zelkova serrata 'Village Green'/ Village Green Japanese Zelkova	2-1/2" – 3" cal.	

DECIDUOUS TREES, SMALL TO MEDIUM, ORNAMENTAL OR UNDERSTORY

(See BGE publication, "Tree Planting Guide" for guidance about planting small to medium sized trees which may not be contained within this plant list for planting beneath overhead utility lines at <http://www.bge.com/vcmfiles/BGE/Files/Tree%20Trimming/TreePlantingGuide.pdf>)

Acer campestre/ Hedge Maple	1-1/2" – 2" cal.	
Acer ginnala/ Amur Maple	1-1/2" – 2" cal.	
Acer griseum/ Paperbark Maple	1-1/2" – 2" cal.	
Acer tataricum/ Tatarian Maple	1-1/2" – 2" cal.	
Amelanchier canadensis/ Shadblow Serviceberry	8' – 10' hgt.	
Carpinus caroliniana/ American Hornbeam	1-1/2" – 2" cal.	
Cercis canadensis/ Eastern Redbud	1-1/2" – 2" cal.	
Chionanthus virginicus/ Fringetree	1-1/2" – 2" cal.	
Cornus alternifolia/ Pagoda Dogwood	8' – 10' hgt.	
Cornus florida/ White Flowering Dogwood	8' – 10' hgt.	
Cornus florida 'Cherokee Brave'/ Cherokee Brave Flowering Dogwood	8' – 10' hgt.	
Cornus florida 'Rubra'/ Red Flowering Dogwood	8' – 10' hgt.	
Cornus kousa/ Kousa Dogwood	8' – 10' hgt.	
Cornus kousa x Cornus florida/ Rutger's Stellar Flowering Dogwood	8' – 10' hgt.	
Cornus mas/ Cornelian Cherry	8' – 10' hgt.	
Cotinus coggygria/ Smoketree	1-1/2" – 2" cal.	
Crataegus crusgalli 'inermis'/ Thornless Cockspur Hawthorn	1-1/2" – 2" cal.	c.
Koeleruteria paniculata/ Goldenrain Tree	1-1/2" – 2" cal.	
Lagerstromia indica/ Crapemyrtle	6' – 8' hgt.	
Magnolia acuminata/ Cucumber Magnolia	6' – 8' hgt.	

<u>BOTANICAL / COMMON NAME</u>	<u>SIZE</u>	<u>COMMENTS</u>
Magnolia x loebneri 'Merrill'/ Magnolia Merrill	6' – 8' hgt.	
Magnolia x soulangiana/ Saucer Magnolia	6' – 8' hgt.	
Magnolia stellata/ Star Magnolia	6' – 8' hgt.	
Magnolia virginiana/ Sweetbay Magnolia	6' – 8' hgt.	
Malus baccata 'Columnaris'/ Columnar Siberian Crabapple	1-1/2" – 2" cal.	
Malus baccata 'Jackii'/ Jackii Crabapple	1-1/2" – 2" cal.	
Malus floribunda 'Harvest Gold'/ Flowering Crabapple	1-1/2" – 2" cal.	
Malus x 'Snowdrift'/ Snowdrift Crabapple	1-1/2" – 2" cal.	
Malus x zumi 'Calocarpa'/ Redbud Crabapple	1-1/2" – 2" cal.	
Oxydendron arboreum/ Sourwood	1-1/2" – 2" cal.	
Prunus cerasifera atropurpurea 'Thundercloud'/ Purpleleaf Plum Thundercloud	1-1/2" – 2" cal.	a.
Prunus x incamp 'Okame'/ Okame Cherry	1-1/2" – 2" cal.	a.
Prunus serrulata 'Kwanzan'/ Kwanzan Cherry	1-1/2" – 2" cal.	a.
Prunus subhirtella 'Pendula Pink Cloud'/ Pink Cloud Weeping Higan Cherry	1-1/2" – 2" cal.	a.
Prunus yedoensis/ Yoshino Cherry	1-1/2" – 2" cal.	a.
Sassafras albidum/ Sassafras	1-1/2" – 2" cal.	
Styrax japonica/ Japanese Snowbell	1-1/2" – 2" cal.	
Syringa reticulata/ Tree Lilac	1-1/2" – 2" cal.	

EVERGREEN TREES (NEEDLE & BROADLEAF)

Cedrus atlantica/ Atlas Cedar	6' – 8' hgt.	
Cedrus deodara/ Deodar Cedar	6' – 8' hgt.	
Chamaecyparis obtusa/ Hinoki Falsecypress	5' – 6' hgt.	
Chamaecyparis pisifera/ Japanese Falsecypress 'Sawara'	5' – 6' hgt.	
Chamaecyparis thyoides/ Atlantic Whitecedar	5' – 6' hgt.	
Cupressocyparis leylandi/ Leyland Cypress	5' – 6' hgt.	
Ilex 'Nellie R. Stevens'/ Nellie R. Stevens Holly	5' – 6' hgt.	
Ilex opaca/ American Holly	5' – 6' hgt.	
Juniperus virginiana cultivars/ Red Cedar	6' – 8' hgt.	
Magnolia grandiflora/ Southern Magnolia	6' – 8' hgt.	
Picea abies/ Norway Spruce	6' – 8' hgt.	
Picea omorika/ Serbian Spruce	6' – 8' hgt.	
Picea pungens 'Glauca'/ Colorado Blue Spruce	6' – 8' hgt.	
Pinus strobus/ Eastern White Pine	6' – 8' hgt.	
Pinus thunbergiana/ Japanese Black Pine	6' – 8' hgt.	
Thuja plicata/ Giant Arborvitae 'Green Giant'	5' – 6' hgt.	

SHRUBS, BROADLEAF EVERGREEN

Abelia x grandiflora/ Glossy Abelia	2-1/2' – 3' hgt.	
Azalea 'Blaaw's Pink'/ Blaaw's Pink Azalea	18" – 24" spread	a.

<u>BOTANICAL / COMMON NAME</u>	<u>SIZE</u>	<u>COMMENTS</u>
Azalea 'Delaware Valley White'/ Delaware Valley White Azalea	18" – 24" spread	a.
Azalea 'Gumpo Pink'/ Gumpo Pink Azalea	18" – 24" spread	a.
Azalea 'Gumpo White'/ Gumpo White Azalea	18" – 24" spread	a.
Azalea 'Hershey Red'/ Hershey Red Azalea	18" – 24" spread	a.
Azalea 'Hino Crimson'/ Hino Crimson Azalea	18" – 24" spread	a.
Azalea poukhanensis/ Korean Azalea	18" – 24" spread	a.
Buxus microphylla japonica 'Winter Gem'/ Winter Gem Boxwood	2' – 2-1/2' hgt.	
Buxus microphylla koreana 'Wintergreen'/ Wintergreen Boxwood	2' – 2-1/2' hgt.	
Euonymus kiautschovicus 'Manhattan'/Manhattan Euonymus	2-1/2' – 3' hgt.	
Euonymus kiautschovicus 'Siebodiana'/ Siebold Euonymus	2-1/2' – 3' hgt.	
Ilex x cornuta 'Burfordii Nana'/ Dwarf Burford Holly	2' – 2-1/2' hgt.	
Ilex cornuta/ Chinese Holly	2-1/2' – 3' hgt.	
Ilex x crenata 'Compacta'/ Compact Japanese Holly	2-1/2' – 3' hgt.	
Ilex crenata 'Green Lustre'/ Green Lustre Holly	2-1/2' – 3' hgt.	
Ilex crenata 'Helleri'/ Heller Japanese Holly	18" – 24" hgt.	
Ilex crenata 'Steeds Upright'/ Steeds Upright Holly	2-1/2' – 3' hgt.	
Ilex glabra 'Compacta'/ Compact Inkberry	2-1/2' – 3' hgt.	
Ilex x Meserveae 'Blue Prince'/ Blue Prince Holly	3-1/2' – 4' hgt.	
Ilex x Meserveae 'Blue Princess'/ Blue Princess Holly	3-1/2' – 4' hgt.	
Ilex x Meserveae 'Dragon Lady'/ Dragon Lady Holly	3-1/2' – 4' hgt.	
Kalmia latifolia/ Mountain Laurel	2-1/2' – 3' hgt.	a.
Leucothoe axillaris/ Coast Leucothoe	18" – 24" spread	
Mahonia aquifolium/ Oregon Grapeholly	2-1/2' – 3' hgt.	
Mahonia bealei/ Leatherleaf Mahonia	18" – 24" hgt.	
Photinia x fraserii/ Frasers Photinia	3' – 3-1/2' hgt.	
Pieris japonica/ Japanese Andromeda	2' – 2-1/2' hgt.	
Prunus laurocerasus 'Otto Lutyken'/ Otto Lutyken Cherrylaurel	2' – 2-1/2' hgt.	a.
Prunus laurocerasus 'Schipkaensis'/ Skip Cherrylaurel	2-1/2' – 3' hgt.	a.
Pyracantha coccinea 'Lalandei'/ Lalandei Scarlet Firethorn	2-1/2' – 3' hgt.	
Pyracantha coccinea 'Lowboy'/ Lowboy Firethorn	18" – 24" spread	
Rhododendron catawbiense album/ White Catawba	2' – 2-1/2' hgt.	a.
Rhododendron		
Rhododendron catawbiense 'Roseum Elegans'/Roseum Elegans	2' – 2-1/2' hgt.	a.
Catawba Rhododendron		
Rhododendron 'P.J.M.'/ P.J.M. Rhododendron	2' – 2-1/2' hgt.	a.
Skimmia japonica/ Japanese Skimmia	18" – 24" spread	
Viburnum rhytidophyllum/ Leatherleaf Viburnum	2-1/2' – 3' hgt.	

SHRUBS, DECIDUOUS AND SEMI-EVERGREEN

Azalea 'Exbury'/ Exbury Azalea (red, pink, yellow, orange, white)	18" – 24" spread	a.
Chaenomeles speciosa 'Texas Scarlet'/ Flowering Quince	18" – 24" spread	
Clethra alnifolia/ Summersweet Clethra	2-1/2' – 3' hgt.	
Cornus stolonifera/ Red-Osier Dogwood	2-1/2' – 3' hgt.	
Cotoneaster salicifolius 'Repens'/ Willowleaf Cotoneaster	18" – 24" spread	

<u>BOTANICAL / COMMON NAME</u>	<u>SIZE</u>	<u>COMMENTS</u>
Cotoneaster dammerii 'Coral Beauty'/ Coral Beauty Cotoneaster	18" – 24" spread	
Forsythia intermedia 'Spectabilis'/ Showy Border Forsythia	2' – 2-1/2' hgt.	d.
Forsythia suspensa var. 'sieboldii'/ Siebold Weeping Forsythia	2-1/2' – 3' hgt.	d.
Ilex verticillata/ Winterberry	3' – 4' hgt.	
Myrica pennsylvanica/ Northern Bayberry	2' – 2-1/2' hgt.	
Nandina domestica/ Heavenly Bamboo	2' – 2-1/2' hgt.	
Nandina domestica 'Harbour Dwarf'/ Harbour Dwarf Nandina	18" – 24" spread	
Spiraea x bumalda 'Anthony Waterer'/Anthony Waterer Spiraea	2-1/2' – 3' hgt.	
Spiraea x bumalda 'Goldflame'/ Goldflame Spiraea	2-1/2' – 3' hgt.	
Viburnum carlesii/ Korean Spice Viburnum	2-1/2' – 3' hgt.	
Viburnum dentatum/ Arrowwood Viburnum	2-1/2' – 3' hgt.	
Viburnum x Juddi/ Judd Viburnum	2-1/2' – 3' hgt.	
Viburnum plicatum 'Mariessi'/ Marie's Doublefile Viburnum	2-1/2' – 3' hgt.	
Viburnum prunifolium/ Blackhaw Viburnum	2-1/2' – 3' hgt.	

SHRUBS, NEEDLE EVERGREEN

Juniperus chinensis 'Pfitzeriana Compacta'/ Compact Pfitzer Juniper	2' – 2-1/2' hgt.	
Juniperus chinensis 'Sargenti'/ Sargent Juniper	18" – 24" spread	
Juniperus chinensis 'Sea Green'/ Sea Green Juniper	18" – 24" spread	
Juniperus horizontalis 'Plumosa'/ Andorra Juniper	18" – 24" spread	
Juniperus horizontalis 'Prince of Wales'/ Prince of Wales Juniper	18" – 24" spread	
Taxus baccata 'Repandens'/ Spreading English Yew	18" – 24" spread	a.
Taxus cuspidata 'Nana'/ Dwarf Japanese Yew	18" – 24" spread	a.
Taxus media 'Densiformis'/ Densiformis Yew	2-1/2' – 3' hgt.	a.
Taxus media 'Hicksii'/ Hicks Yew	2-1/2' – 3' hgt.	a.
Thuja occidentalis 'Hetzi Midget'/Hetz Midget Arborvitae	2' – 2-1/2' hgt.	

COMMENTS

- a. Be advised that these species should not be planted along project perimeters adjacent to horse pastures because the wilted leaves, flowers or needles may be toxic to horses and other livestock.
- b. Per the recommendation of the Department of Public Works, planting of these species will not be permitted in or adjacent to stormwater management facilities. These plants may have excessive leaf debris from large leaves or dense foliage, seedpods or fruit that have historically posed maintenances problems.
- c. Only thornless cultivars allowed.
- d. DPZ must approve location for this shrub.
- e. Deciduous conifer

Note:

Other plant species may be considered for general landscape planting upon a request for approval by DPZ.