

Oxford Buffer Management Areas Approved Species

The following table is for applicants complying with Buffer Management Area (BMA) regulations in the Town of Oxford. Applicants must select and only use plants from this list to meet mitigation requirements. In addition to this list, non-invasive cultivars may be permitted. For planting purposes other than BMA mitigation requirements, other species may be used.

Each species has preferred growth conditions. The terms used in this chart have the following meanings:

- *full sun* – the site has a minimum of 6 hours of direct sunlight during growing season
- *partial shade* – the site has between 3 and 6 hours of direct sunlight
- *shade* – the site has less than 3 hours of direct sunlight, or filtered light
- *dry soil* – water does not remain after rain; may be in full sun, in a windy location, on a steep slope, or have sandy soil
- *moist soil* – damp; occasionally saturated
- *wet soil* – saturated for much of the growing season, except in droughts

For additional information, please refer to the U.S. Fish & Wildlife Service's *Native Plants for Wildlife Habitat and Conservation Landscaping, Chesapeake Bay Watershed*.

<http://www.nps.gov/plants/pubs/chesapeake/pdf/chesapeakenatives.pdf>

Common Name	Scientific Name	Sun Conditions	Soil Conditions	Additional Notes
<i>Herbaceous Perennials – Grasses</i>				
Big Bluestem Grass	<i>Andropogon gerardii</i>	full sun or partial shade	dry, moist or wet soil	flowers June - September
Broomsedge	<i>Andropogon virginicus</i>	full sun	dry, moist or wet soil	flowers August – November (reddish-brown)
Eastern Gamma Grass	<i>Tripsacum dactyloides</i>	full sun or partial shade	moist or wet soil	flowers June - October
Fox Sedge	<i>Carex vulpinoidea</i>	full sun or partial shade	wet soil	flowers June - August
Indiangrass	<i>Sorghastrum nutans</i>	full sun	dry or moist soil	flowers August - September
Little Bluestem	<i>Schizachyrium scoparium</i>	full sun	dry soil	tolerates poor soil; flowers August - October

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Sea/River Oats	<i>Chasmanthium latifolium</i>	full sun or partial shade	dry or moist soil	flowers July – September (green then tan)
Salt Meadow Hay	<i>Spartina patens</i>	full sun	moist or wet soil	
Switch Grass	<i>Panicum virgatum</i>	full sun or partial shade	dry, moist or wet soil	not for monoculture; flowers July - October
Tussock Sedge	<i>Carex stricta</i>	full sun	moist or wet soil	
<i>Herbaceous Perennials – Ferns</i>				
Cinnamon Fern	<i>Osmunda cinnamomea</i>	full sun, partial shade or shade	moist or wet soil	
New York Fern	<i>Thelypteris noveboracensis</i>	partial shade or shade	moist or wet soil	
Northern Lady Fern	<i>Athyrium filix-femina</i>	partial shade	moist or wet soil	
Royal Fern	<i>Osmunda regalis</i>	full sun, partial shade or shade	moist or wet soil	
<i>Herbaceous Perennials – Plants</i>				
Black-Eyed Susan	<i>Rudbeckia hirta</i>	full sun or partial shade	dry or moist soil	
Blue Flag	<i>Iris versicolor</i>	full sun or partial shade	moist or wet soil	
Cardinal Flower	<i>Lobelia cardinalis</i>	full sun or partial shade	moist or wet soil	
Golden Ragwort	<i>Packeria aurea</i>	full sun, partial shade or shade	moist or wet soil	aggressive spreader
Great Blue Lobelia	<i>Lobelia siphilitica</i>	full sun, partial shade or shade	moist or wet soil	
Joe-Pye Weed	<i>Eupatorium dubium</i>	full sun or partial shade	moist or wet soil	
Rose mallow	<i>Hibiscus moscheutos</i>	full sun or partial shade	moist or wet soil	
Seaside Goldenrod	<i>Solidago sempervirens</i>	full sun or partial shade	dry or moist soil	
Swamp Milkweed	<i>Asclepias incarnate</i>	full sun or partial shade	moist or wet soil	

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<i>Small Shrubs</i>				
Chokeberry Shrub	<i>Photinia</i>	full sun or partial shade	dry, moist or wet soil	
Marsh Elder	<i>Iva frutescens</i>	full sun	dry or moist soil	
St. John's Wort	<i>Hypericum</i>	full sun	dry, moist or wet soil	can spread aggressively
<i>Large Shrubs</i>				
Bay Berry	<i>Morella</i>	full sun, partial shade or shade	dry, moist or wet soil	
Buttonbush	<i>Cephalanthus occidentalis</i>	full sun, partial shade or shade	moist or wet soil	
Elderberry	<i>Sambucus</i>	full sun, partial shade or shade	dry, moist or wet soil	
Groundsel Tree	<i>Baccharis hamifolia</i>	full sun	dry, moist or wet soil	
Inkberry Holly	<i>Ilex verticillata</i>	full sun, partial shade or shade	dry or moist soil	
Silky Dogwood	<i>Cornus amomum</i>	full sun or partial shade	moist or wet soil	
Smooth/Hazel Alder	<i>Alnus serrulata</i>	full sun	moist or wet soil	
Sweet Pepperbush/Summersweet	<i>Clethra alnifolia</i>	partial shade or shade	moist or wet soil	
Viburnum	<i>Viburnum</i>	full sun, partial shade or shade	dry, moist or wet soil	
Wax Myrtle	<i>Morella cerifera</i>	full sun or partial shade	dry, moist or wet soil	
<i>Trees</i>				
American Holly (understory)	<i>Ilex opaca</i>	full sun, partial shade or shade	moist soil	
American Sycamore (canopy)	<i>Platanus occidentalis</i>	full sun or partial shade	moist or wet soil	
Bald Cypress (canopy)	<i>Taxodium distichum</i>	full sun or partial shade	wet soil	
Black Gum (understory)	<i>Nyssa sylvatica</i>	full sun or partial shade	dry, moist or wet soil	
Eastern Redbud (canopy)	<i>Cercis Canadensis</i>	partial shade or shade	dry or moist soil	
Eastern Red Cedar (canopy)	<i>Juniperus virginiana</i>	full sun	dry or moist soil	

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Loblolly Pine (canopy)	<i>Pinus taeda</i>	full sun	dry, moist or wet soil	
Red Maple (canopy)	<i>Acer rubrum</i>	full sun or partial shade	moist or wet soil	
River Birch (canopy)	<i>Betula nigra</i>	full sun or partial shade	moist or wet soil	
Shadbush (understory)	<i>Amelanchier</i>	partial shade or shade	dry, moist or wet soil	
Swamp White Oak (canopy)	<i>Quercus bicolor</i>	full sun or partial shade	wet soil	
Sweetbay Magnolia (understory)	<i>Magnolia virginiana</i>	full sun, partial shade or shade	moist or wet soil	
Willow Oak (canopy)	<i>Quercus phellos</i>	full sun or partial shade	moist or wet soil	