

Acceptable Native Species for Shoreland Areas

Dane County, WI

Common Name	Genus Species	Soil Moisture Regime
Grasses		
Big Bluestem	Andropogon gerardii	Mesic
Little Bluestem	Andropogon scoparium	Mesic - Dry
Fringed Brome	Bromus ciliatus	Wet - Mesic
Blue Joint Grass	Calamagrostis canadensis	Wet - Mesic
Canada Wild Rye	Elymus canadensis	Mesic - Dry
Riverbank Wild Rye	Elymus riparius	Mesic - Wet
Fowl Manna Grass	Glyceria striata	Wet - Mesic
Reed Manna Grass	Glyceria grandis	Wet - Mesic
June Grass	Koeleria cristata	Mesic - Dry
Rice Cutgrass	Leersia oryzoides	Wet - Mesic
Switchgrass	Panicum virgatum	Mesic - Dry
Indiangrass	Sorghastrum nutans	Mesic - Dry
Prairie Cordgrass	Spartina pectinata	Wet - Mesic
Prairie Dropseed	Sporobolus heterolepis	Mesic - Dry
Porcupine Grass	Stipa spartea	Mesic - Dry
Sedges and Rushes		
Bristly Sedge	Carex comosa	Wet - Mesic
Fringed Sedge	Carex crinita	Wet - Mesic
Franks Sedge	Carex frankii	Wet - Mesic
Long-Awned Bracted Sedge	Carex gravida	Mesic - Dry
Porcupine Sedge	Carex hystericina	Wet - Mesic
Common Lake Sedge	Carex lacustris	Wet - Mesic
Common Hop Sedge	Carex lupulina	Wet - Mesic
Bottlebrush Sedge	Carex lurida	Wet - Mesic
Tussock Sedge	Carex stricta	Wet - Mesic
Brown Fox Sedge	Carex vulpinoidea	Wet - Mesic
Hardstem Bulrush	Scirpus acutus	Wet - Mesic
Dark Green Bulrush	Scirpus atrovirens	Wet - Mesic
Wool Grass	Scirpus cyperinus	Wet - Mesic
River Bulrush	Scirpus fluviatilis	Wet - Mesic
Red Bulrush	Scirpus pendulus	Wet - Mesic
Great Bulrush	Scirpus validus	Wet - Mesic
Forbs		
Nodding Pink Onion	Alium cernuum	Mesic
Wild Columbine	Aquilegia canadensis	Mesic - Dry
Red Milkweed	Asclepias incarnata	Mesic - Wet
Sky Blue Aster	Aster azureus	Mesic - Dry
Drummond's Aster	Aster drummondii	Mesic
Smooth Blue Aster	Aster laevis	Mesic
Stiff or Calico Aster	Aster lateriflorus	Mesic
New England Aster	Aster novae-angliae	Mesic - Wet
Swamp Aster	Aster puniceus	Mesic - Wet
Arrow-Leaved Aster	Aster sagittifolius	Mesic - Dry

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Short's Aster	Aster shortii	Mesic - Dry
Panicled Aster	Aster simplex	Mesic - Wet
Pale Purple Coneflower	Echinacea pallida	Mesic - Dry
Spotted Joe-Pye-Weed	Eupatorium maculatum	Mesic - Wet
Boneset	Eupatorium perfoliatum	Mesic - Wet
Sneezeweed	Helenium autumnale	Mesic - Wet
Northern Blue Flag Iris	Iris versicolor	Wet - Mesic
Southern Blue Flag Iris	Iris virginica	Wet - Mesic
Prairie Blazing Star	Liatris pycnostachya	Mesic - Dry
Marsh Blazing Star	Liatris spicata	Mesic - Wet
Great Blue Lobelia	Lobelia siphilitica	Mesic - Wet
Monkey Flower	Mimulus ringens	Wet - Mesic
Wild Bergamot	Monarda fistulosa	Mesic - Dry
Mountain Mint	Pycnanthemum virginianum	Wet - Mesic
Yellow Coneflower	Ratibida pinnata	Mesic - Dry
Black-eyed Susan	Rudbeckia hirta	Mesic
Wild Golden Glow	Rudbeckia laciniata	Mesic - Wet
Sweet Black-eyed Susan	Rudbeckia subtomentosa	Mesic
Cup Plant	Silphium perfoliatum	Mesic - Wet
Prairie Dock	Silphium terebinthinaceum	Mesic
Ohio Goldenrod	Solidago ohioensis	Mesic - Wet
Stiff Goldenrod	Solidago rigida	Mesic - Dry
Blue Vervain	Verbena hastata	Mesic - Wet
Ironweed	Vernonia fasciculata	Mesic - Wet
Culver's Root	Veronicastrum virginicum	Mesic
Golden Alexanders	Zizia aurea	Mesic
Legumes		
Canada Milk Vetch	Astragalus canadensis	Mesic
Partridge Pea	Chamaecrista fasciculata	Mesic - Dry
White Prairie Clover	Dalea candidum	Mesic - Dry
Purple Prairie Clover	Dalea purpurea	Mesic - Dry
Trees		
Red Maple	Acer rubrum	Mesic
Silver Maple	Acer saccharinum	Mesic
River Birch	Betula nigra	Wet - Mesic
Shagbark Hickory	Carya ovata	Mesic
White Ash	Fraxinus americana	Mesic
Black Walnut	Juglans nigra	Mesic
White Oak	Quercus alba	Mesic
White Swamp Oak	Quercus bicolor	Wet - Mesic
Bur Oak	Quercus macrocarpa	Dry - Mesic
Pin Oak	Quercus palustris	Wet - Mesic
American Basswood	Tilia americana	Mesic - Wet
Tamarack	Larix laricina	Wet - Mesic

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Common Name	Genus Species	Soil Moisture Regime
Eastern White Pine	Pinus strobus	Mesic
White Cedar	Thuja occidentalis	Mesic
Shrubs		
Serviceberry	Amalanchier leavis	Mesic
Buttonbush	Cephalanthus occidentalis	Mesic - Wet
Gray Dogwood	Cornus racemosa	Mesic - Wet
Red-Osier Dogwood	Cornus stolonifera	Mesic - Wet
Hazelnut	Corylus americana	Mesic - Dry
Winterberry	Ilex verticillata	Mesic - Wet
Ninebark	Physocarpus opulifolius	Mesic
Elderberry	Sambucus canadensis	Mesic - Wet
Arrowood Viburnum	Viburnum dentatum	Mesic - Dry
Nannyberry Viburnum	Viburnum lentago	Mesic
Cranberry Viburnum	Viburnum trilobum	Mesic

Plan preparer will insure that selected species are appropriate for planting location. Parameters for selection will be hydrology, light, soil texture.

Native forb and grass plantings will consist of 60% grasses /sedges /rushes and 40% forbs and legumes and will be spaced every 1 foot on center. At minimum, 5 species of grasses/sedges/ rushes and 3 species of forbs/legumes must be utilized. Pot size of plugs will be 2 1/2" square by 3" deep (or approved equal) and plants will be well established. Seed mixes must be a minimum of 10PLS pounds per acre or 120 PLS seeds per square foot, whichever one provides the highest planting density. All species will be acquired from an approved regional grower.

Native Tree and Shrub Plantings will consist of at least 1 species of tree and at least 2 species of shrubs and will be spaced appropriately based upon mature size of plant. Tree and shrub planting will not reduce the 1 foot on center spacing required for native forb and grass plantings. Trees will be at least 2 years old and 18" in height or bigger. Shrubs will be well established in 1 liter container or bigger. All trees and shrubs will be of local ecotype and acquired from an approved regional grower.