

LIST OF WETLAND MIXES

WETLAND SEED MIX:

Species	Common Name	Quantity (lbs/ac)
<i>Alisma subcordatum</i>	Common Water Plantain	0.375
<i>Asclepias incarnata</i>	Swamp Milkweed	0.062
<i>Aster nova-angliae</i>	New England Aster	0.062
<i>Aster simplex</i>	Panicled Aster	0.031
<i>Bidens cernua</i>	Nodding Bur Marigold	0.312
<i>Bidens frondosa</i>	Common Beggar's Tick	0.125
<i>Boltonia latisquama</i>	False Aster	0.188
<i>Carex bebbii</i>	Bebb's Sedge	0.125
<i>Carex comosa</i>	Bottlebrush Grass	0.125
<i>Carex lupulina</i>	Common Hop Sedge	0.062
<i>Carex stipata</i>	Awl-fruited Sedge	0.125
<i>Carex scoparia</i>	Pointed Broom Sedge	0.125
<i>Carex vulpinoidea</i>	Fox Sedge	0.500
<i>Eleocharis species</i>	Spike Rush Species	0.062
<i>Elymus virginicus</i>	Virginia Wild Rye	1.500
<i>Eupatorium maculatum</i>	Spotted Joe Pye Weed	0.125
<i>Glyceria striata</i>	Fowl Manna Grass	0.125
<i>Helenium autumnale</i>	Sneezeweed	0.250
<i>Iris virginica</i>	Southern Blue Flag	0.188
<i>Juncus species</i>	Rush Species	0.062
<i>Leersia oryzoides</i>	Rice Cut Grass	0.188
<i>Ludwigia polycarpa</i>	False Loosestrife	0.001
<i>Mimulus ringens</i>	Monkeyflower	0.031
<i>Onoclea sensibilis</i>	Sensitive Fern	0.031
<i>Penthorum sedoides</i>	Ditch Stonecrop	0.001
<i>Polygonum hydropiperoides</i>	Mild Water Pepper	0.750
<i>Rudbeckia laciniata</i>	Green Coneflower	0.125
<i>Sagittaria latifolia</i>	Duck Potato	0.062
<i>Scirpus atrovirens</i>	Dark Green Rush	1.250
<i>Scirpus fluviatilis</i>	River Bulrush	0.125
<i>Scirpus pendulus</i>	Red Bulrush	0.031
<i>Scirpus validus</i>	Soft Stem Bulrush	0.031
<i>Sparganium eurycarpum</i>	Common Bur-Reed	0.062
<i>Veronica fasciculata</i>	Common Ironweed	0.062
<i>Verbena hastata</i>	Blue Vervain	0.125
	TOTAL	7.404

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Cover Crop		
<i>Avena sativa</i>	Seed Oats	20.0
<i>Lolium multiflorum</i>	Annual Rye	5.0

NOTES:

1. Seed mix to be broadcast over all wetland restoration areas.
2. Seed mix to be covered with straw mulch installed at a rate of 2 tons per acre.

TREES:

Species	Common Name
<i>Acer rubrum</i>	Red Maple
<i>Acer saccharinum</i>	Silver Maple
<i>Betula allegheniensis</i>	Yellow Birch
<i>Carya cordiformis</i>	Bitternut Hickory
<i>Carya laciniosa</i>	Shellbark Hickory
<i>Celtis occidentalis</i>	Hackberry
<i>Nyssa sylvatica</i>	Black Gum See note below.
<i>Platanus occidentalis</i>	Sycamore
<i>Populus deltoides</i>	Cottonwood
<i>Quercus bicolor</i>	Swamp White Oak
<i>Quercus palustris</i>	Pin Oak
<i>Salix nigra</i>	Black Willow

Quantity: 300/acre typ.

SHRUBS

Species	Common Name
<i>Cephalanthus occidentalis</i>	Buttonbush
<i>Cornus amomum</i>	Silky Dogwood
<i>Cornus sericea</i>	Red Twig Dogwood
<i>Lindera benzoin</i>	Spicebush
<i>Ilex verticillata</i>	Winterberry
<i>Physocarpus opulifolius</i>	Ninebark
<i>Ribes americanum</i>	American Black Currant
<i>Rosa palustris</i>	Swamp Rose
<i>Salix amygdaloides</i>	Peach-leaved Willow
<i>Salix bebbiana</i>	Bebb's Willow
<i>Salix discolor</i>	Pussy Willow
<i>Sambucus canadensis</i>	American Elder
<i>Spirea alba</i>	Meadowsweet
<i>Viburnum lentago</i>	Nannyberry
<i>Viburnum trilobum</i>	Highbush Cranberry

Quantity: 300/acre typ.

NOTES:

1. Trees to be planted within forested wetland restoration areas; Shrubs to be planted within scrub/shrub wetland restoration areas.
2. Select a minimum of 6 tree or shrub species from those specified and with approximately equal quantities of each species.
3. Trees to be minimum bare root and 3 feet tall above the root collar.
4. Shrubs to be minimum bare root and 18 inches tall.