

BWSR Pilot Seed Mixes

PILOT SEED MIXES:

These new “Pilot” seed mixes have been developed for a variety of restoration, conservation and stormwater uses. Goals were to meet the needs of common project types and to create direction for emerging topics such as biofuels, buffers, conservation grazing, and pollinators. All of the mixes were developed for specific functions and incorporate pollinator habitat to the extent possible. The mixes will remain as pilot mixes for a couple years until we understand how they are performing before we work to make them official state mixes. In many cases these mixes should be considered starting points for developing site specific mixes.

Note: Oats cover crop is included as a component of these seed mixes with the exception of some wetland mixes where cover species are not necessary. Winter wheat (at a similar rate to oats) may be selected in some cases where germination is needed later in the fall, followed by further green-up the following spring (oats will not come back the follow spring unless it re-establishes from seed).

Finalized

Stormwater Pond Pollinator Northeast

Function: Stormwater

Intent: Stormwater pond vegetation establishment for pollinator habitat establishment

Planting Area: NE

Specialization:

Scientific Name	Common Name	Seeds/ sq ft	Rate (lb/ac)	% Mix (by sqft)	% Mix (by wt)
Cover					
Avena sativa	Oats* (See Cover crop note)	11.14	37.91		
Total Guild:		11.14	37.91	8.76%	79.9%

Forb

Agastache foeniculum	Blue Giant Hyssop	3	0.09		
Asclepias incarnata	Marsh Milkweed	0.22	0.12		
Asclepias syriaca	Common Milkweed	0.16	0.11		
Asclepias tuberosa	Butterfly Milkweed	0.09	0.06		
Eupatorium perfoliatum	Common Boneset	4	0.07		
Eutrochium maculatum	Spotted Joe Pye Weed	2	0.06		
Gentiana andrewsii	Bottle Gentian	5	0.05		
Helenium autumnale	Autumn Sneezeweed	6.5	0.14		
Lobelia siphilitica	Great Lobelia	6	0.03		
Mimulus ringens	Blue Monkey Flower	20	0.02		
Monarda fistulosa	Wild Bergamot	5	0.19		
Oligoneuron rigidum	Stiff Goldenrod	3.1	0.21		

<i>Pycnanthemum virginianum</i>	Virginia Mountain Mint	3	0.04
<i>Rudbeckia hirta</i>	Black-eyed Susan	4	0.12
<i>Sisyrinchium campestre</i>	Field Blue-eyed Grass	0.17	0.01
<i>Symphotrichum novae-angliae</i>	New England Aster	2	0.08
<i>Verbena hastata</i>	Blue Vervain	5.8	0.17
<i>Zizia aurea</i>	Golden Alexanders	0.05	0.01

Total Guild:	70.09	1.58	55.09%	3.3%
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Graminoid

<i>Andropogon gerardii</i>	Big Bluestem	5	1.36
<i>Beckmannia syzigachne</i>	American Slough Grass	10	0.54
<i>Bromus ciliatus</i>	Fringed Brome	3	0.82
<i>Elymus canadensis</i>	Canada Wild Rye	1.5	0.79
<i>Elymus trachycaulus</i>	Slender Wheatgrass	2	0.99
<i>Elymus virginicus</i>	Virginia Wild Rye	1.5	0.97
<i>Panicum virgatum</i>	Switchgrass	4	0.78
<i>Poa palustris</i>	Fowl Bluegrass	12	0.25
<i>Sorghastrum nutans</i>	Indian Grass	4	0.91

Total Guild:	43	7.41	33.80%	15.6%
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Legume

<i>Dalea purpurea</i>	Purple Prairie Clover	3	0.54
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Total Guild:	3	0.54	2.36%	1.1%
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Total Seed Mix:	127.23	47.44
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