

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

Wet Meadow Forb/Sedge/Rush Southwest

Function: Wetland

Intent: Wet meadow establishment where reed canary grass is a risk and grass specific herbicides will be used

Planting Area: SW

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)	3.12	10.62		
	Total Guild:		3.12	10.62	1.68%	75.8%

Forb

Asclepias incarnata	Marsh Milkweed	0.43	0.24
Eupatorium perfoliatum	Common Boneset	1.3	0.02
Euthamia graminifolia	Grass-leaved Goldenrod	2.6	0.02
Eutrochium maculatum	Spotted Joe Pye Weed	0.75	0.02
Helenium autumnale	Autumn Sneezeweed	1	0.02
Helianthus grosseserratus	Sawtooth Sunflower	0.2	0.04
Lobelia siphilitica	Great Lobelia	3.2	0.02
Mimulus ringens	Blue Monkey Flower	9	0.01
Pycnanthemum virginianum	Virginia Mountain Mint	5.1	0.06
Solidago gigantea	Giant Goldenrod	2	0.02
Symphyotrichum lanceolatum	Eastern Panicked Aster	1.5	0.03
Thalictrum dasycarpum	Tall Meadow-Rue	0.11	0.03

Verbena hastata	Blue Vervain	5	0.15
Vernonia fasciculata	Bunched Ironweed	0.3	0.03
Veronicastrum virginicum	Culver's Root	4.8	0.02
Zizia aurea	Golden Alexanders	1	0.25

Total Guild:	38.29	0.98	20.61%	7.0%
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Graminoid

Elymus virginicus	Virginia Wild Rye	1.55	1.00
Leersia oryzoides	Rice Cut Grass	3.1	0.25
Poa palustris	Fowl Bluegrass	16.5	0.35

Total Guild:	21.15	1.60	11.39%	11.4%
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Sedge

Carex pellita	Wooly Sedge	0.5	0.05
Carex scoparia	Lance-fruited Oval sedge	1.6	0.05
Carex stipata	Common Fox Sedge	2.6	0.19
Carex stricta	Tussock Sedge	0.5	0.03
Carex vulpinoidea	Brown Fox Sedge	5	0.14
Juncus tenuis	Path Rush	15	0.04
Scirpus atrovirens	Dark Green Bulrush	35	0.21
Scirpus cyperinus	Woolgrass	63	0.10

Total Guild:	123.2	0.81	66.32%	5.8%
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Total Seed Mix:	185.76	14.01
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