



# 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

## Mid Diversity Moist Buffer South & West

Function: Buffers

Intent: Mid diversity native buffer establishment in moist areas in southern and western MN

Planting Area: S & W

Specialization: NRCS 342

Scientific Name	Common Name	Seeds/ sq ft	Rate (lb/ac)	% Mix (by sqft)	% Mix (by wt)
<b>Cover</b>					
Avena sativa	Oats* (See Cover crop note)	3.12	10.62		
Total Guild:		3.12	10.62	3.01%	62.6%
<b>Forb</b>					
Asclepias incarnata	Marsh Milkweed	0.15	0.09		
Eupatorium perfoliatum	Common Boneset	1.6	0.03		
Euthamia graminifolia	Grass-leaved Goldenrod	1.6	0.01		
Eutrochium maculatum	Spotted Joe Pye Weed	0.75	0.02		
Helenium autumnale	Autumn Sneezeweed	2	0.04		
Helianthus grosseserratus	Sawtooth Sunflower	0.2	0.04		
Lobelia siphilitica	Great Lobelia	4	0.02		
Mimulus ringens	Blue Monkey Flower	12	0.01		
Sisyrinchium campestre	Field Blue-eyed Grass	0.17	0.01		
Symphotrichum lanceolatum	Eastern Panicked Aster	1.1	0.02		
Verbena hastata	Blue Vervain	4	0.12		
Zizia aurea	Golden Alexanders	0.5	0.12		

Total Guild:	28.07	0.53	27.04%	3.1%
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### Graminoid

Andropogon gerardii	Big Bluestem	8.2	2.23
Elymus virginicus	Virginia Wild Rye	4	2.59
Glyceria grandis	Tall Manna Grass	6.6	0.26
Leersia oryzoides	Rice Cut Grass	1	0.08
Poa palustris	Fowl Bluegrass	14	0.29

Total Guild:	33.8	5.46	32.57%	32.2%
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### Sedge

Carex stipata	Common Fox Sedge	0.8	0.06
Carex vulpinoidea	Brown Fox Sedge	3	0.08
Scirpus atrovirens	Dark Green Bulrush	35	0.21

Total Guild:	38.8	0.35	37.38%	2.1%
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Total Seed Mix:	103.79	16.96		
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