

# 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 Northeast

Function: Buffers

Intent: Mid diversity native buffer establishment in moist areas in northeast MN

Planting Area: NE

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)	11.14	37.91		
	Total Guild:		11.14	37.91	7.17%	84.5%
<b>Forb</b>	Asclepias incarnata	Marsh Milkweed	0.18	0.10		
	Doellingeria umbellata	Flat-topped Aster	1.25	0.05		
	Euthamia graminifolia	Grass-leaved Goldenrod	2.2	0.02		
	Eutrochium maculatum	Spotted Joe Pye Weed	2	0.06		
	Mimulus ringens	Blue Monkey Flower	16.5	0.02		
	Sisyrinchium campestre	Field Blue-eyed Grass	0.17	0.01		
	Solidago gigantea	Giant Goldenrod	2	0.02		
	Symphotrichum lanceolatum	Eastern Panicked Aster	2	0.03		
	Verbena hastata	Blue Vervain	4	0.12		
	Total Guild:		30.3	0.43	19.49%	1.0%
<b>Graminoid</b>	Andropogon gerardii	Big Bluestem	8.2	2.23		

Bromus ciliatus	Fringed Brome	6	1.63
Calamagrostis canadensis	Bluejoint	2.8	0.03
Elymus virginicus	Virginia Wild Rye	3	1.94
Glyceria grandis	Tall Manna Grass	2	0.08
Poa palustris	Fowl Bluegrass	15	0.32

Total Guild:	37	6.23	23.80%	13.9%
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**Sedge**

Carex scoparia	Lance-fruited Oval sedge	1	0.03
Scirpus atrovirens	Dark Green Bulrush	36	0.22
Scirpus cyperinus	Woolgrass	40	0.06

Total Guild:	77	0.31	49.54%	0.7%
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Total Seed Mix:	155.44	44.88
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