

# 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

## Mesic Short Urban Buffer Northeast

Function: Buffers

Intent: Stabilized steep eroding slopes with both early and later successional species.

Planting Area: NE

Specialization: NRCS 327

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)	11.13	37.88		
Total Guild:		11.13	37.88	16.48%	83.0%

**Forb**

Achillea millefolium	Common Yarrow	1	0.02		
Anaphalis margaritacea	Pearly Everlasting	0.8	0.01		
Asclepias syriaca	Common Milkweed	0.16	0.11		
Asclepias tuberosa	Butterfly Milkweed	0.071	0.04		
Geranium maculatum	Wild Geranium	0.02	0.01		
Helianthus pauciflorus	Stiff Sunflower	0.07	0.05		
Pycnanthemum virginianum	Virginia Mountain Mint	0.9	0.01		
Rudbeckia hirta	Black-eyed Susan	10.32	0.30		
Smilacina racemosa	False Solomons Seal	0.01	0.07		
Solidago nemoralis	Gray Goldenrod	3.5	0.03		
Symphotrichum ericoides	Heath Aster	2	0.03		
Symphotrichum laeve	Smooth Aster	1.26	0.06		

Verbena stricta	Hoary Vervain	1.29	0.13
Zizia aurea	Golden Alexanders	0.8	0.20

Total Guild:	22.201	1.07	32.87%	2.3%
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**Graminoid**

Bouteloua curtipendula	Side-oats Grama	3.4	1.54
Bouteloua gracilis	Blue Grama	8	0.54
Bromus kalmii	Kalm's Brome	2	0.68
Elymus riparius	Riverbank Wild Rye	0.22	0.21
Schizachyrium scoparium	Little Bluestem	18	3.26
Sporobolus heterolepis	Prairie Dropseed	1.1	0.19

Total Guild:	32.72	6.42	48.44%	14.1%
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**Legume**

Dalea candida	White Prairie Clover	0.39	0.06
Dalea purpurea	Purple Prairie Clover	1.1	0.20

Total Guild:	1.49	0.26	2.21%	0.6%
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Total Seed Mix:	67.541	45.63
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