

# 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 Mesic to Dry Buffer South & West

Function: Buffers

Intent: Mid diversity mesic prairie buffer establishment

Planting Area: S & W

Specialization: NRCS 643 & 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)	11.14	37.91		
	Total Guild:		11.14	37.91	20.88%	82.1%
<b>Forb</b>	Asclepias tuberosa	Butterfly Milkweed	0.05	0.03		
	Liatris aspera	Rough Blazing Star	0.18	0.03		
	Monarda fistulosa	Wild Bergamot	1.61	0.06		
	Oligoneuron rigidum	Stiff Goldenrod	1	0.07		
	Phlox pilosa	Prairie Phlox	0.065	0.01		
	Rudbeckia hirta	Black-eyed Susan	6	0.18		
	Symphyotrichum ericoides	Heath Aster	1.5	0.02		
	Verbena stricta	Hoary Vervain	1.45	0.14		
	Zizia aurea	Golden Alexanders	0.23	0.06		
	Total Guild:		12.085	0.60	22.65%	1.3%
<b>Graminoid</b>	Andropogon gerardii	Big Bluestem	6	1.63		

Bouteloua curtipendula	Side-oats Grama	3	1.36
Elymus canadensis	Canada Wild Rye	0.5	0.26
Elymus trachycaulus	Slender Wheatgrass	1.2	0.60
Panicum virgatum	Switchgrass	6	1.17
Schizachyrium scoparium	Little Bluestem	7	1.27
Sorghastrum nutans	Indian Grass	5	1.13

Total Guild:	28.7	7.42	53.80%	16.1%
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**Legume**

Astragalus canadensis	Canada Milk Vetch	0.39	0.06
Dalea purpurea	Purple Prairie Clover	1.03	0.19

Total Guild:	1.42	0.25	2.66%	0.5%
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Total Seed Mix:	53.345	46.18
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