

# 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

## Sand Mine Reclamation South & West

Function: Grassland

Intent: Dry prairie establishment on disturbed sites with sandy soils

Planting Area: S & W

Specialization:

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	14.71%	79.4%

**Forb**

Asclepias tuberosa	Butterfly Milkweed	0.1	0.06		
Asclepias verticillata	Whorled Milkweed	0.1	0.02		
Coreopsis palmata	Bird's Foot Coreopsis	0.21	0.06		
Geum triflorum	Prairie Smoke	0.1	0.01		
Liatris aspera	Rough Blazing Star	0.25	0.04		
Monarda punctata	Horsemint	1.42	0.04		
Oligoneuron rigidum	Stiff Goldenrod	0.83	0.06		
Penstemon grandiflorus	Large-flowered Beard Tongue	0.32	0.06		
Rudbeckia hirta	Black-eyed Susan	10.32	0.31		
Solidago speciosa	Showy Goldenrod	2	0.06		
Symphotrichum ericoides	Heath Aster	2.58	0.04		
Symphotrichum oolentangiense	Skyblue Aster	1.26	0.04		

Viola pedatifida	Bearded Birdfoot Violet	0.14	0.01
Zizia aptera	Heart-leaved Alexanders	0.2	0.05

Total Guild:	19.83	0.86	26.21%	1.8%
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**Graminoid**

Bouteloua curtipendula	Side-oats Grama	4	1.82
Bromus kalmii	Kalm's Brome	4	1.36
Koeleria macrantha	Junegrass	6	0.08
Panicum virgatum	Switchgrass	8	1.56
Schizachyrium scoparium	Little Bluestem	18	3.27
Sporobolus cryptandrus	Sand Dropseed	1.8	0.02
Sporobolus heterolepis	Prairie Dropseed	1	0.17

Total Guild:	42.8	8.28	56.56%	17.3%
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**Legume**

Astragalus canadensis	Canada Milk Vetch	0.4	0.06
Chamaecrista fasciculata	Partridge Pea	0.39	0.39
Dalea purpurea	Purple Prairie Clover	1.1	0.20
Lupinus perennis	Wild Lupine	0.018	0.04

Total Guild:	1.908	0.69	2.52%	1.5%
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Total Seed Mix:	75.668	47.71
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