



# 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

## Conservation Grazing South & West

Function: Production

Intent: Native prairie conservation grazing for southern and western MN

Planting Area: S & W

Specialization: NRCS 643 & 512

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)	1.42	4.83		
Total Guild:		1.42	4.83	2.69%	33.8%
<b>Forb</b>					
Coreopsis palmata	Bird's Foot Coreopsis	0.15	0.04		
Helianthus maximilianii	Maximilian's Sunflower	0.4	0.08		
Liatris aspera	Rough Blazing Star	0.4	0.07		
Monarda fistulosa	Wild Bergamot	1.4	0.05		
Potentilla arguta	Prairie Cinquefoil	2.4	0.03		
Ratibida pinnata	Gray-headed Coneflower	1	0.09		
Rudbeckia hirta	Black-eyed Susan	10	0.30		
Sisyrinchium campestre	Field Blue-eyed Grass	0.17	0.01		
Symphyotrichum laeve	Smooth Aster	0.6	0.03		
Verbena stricta	Hoary Vervain	1.5	0.15		
Viola pedatifida	Bearded Birdfoot Violet	0.14	0.01		
Zizia aurea	Golden Alexanders	0.8	0.20		

Total Guild:	18.96	1.06	35.85%	7.4%
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**Graminoid**

Andropogon gerardii	Big Bluestem	3	0.82
Bouteloua curtipendula	Side-oats Grama	4	1.80
Bromus kalmii	Kalm's Brome	0.9	0.31
Elymus canadensis	Canada Wild Rye	1	0.52
Elymus trachycaulus	Slender Wheatgrass	1	0.50
Elymus virginicus	Virginia Wild Rye	1	0.65
Koeleria macrantha	Junegrass	2	0.03
Panicum virgatum	Switchgrass	2	0.39
Schizachyrium scoparium	Little Bluestem	5	0.91
Sorghastrum nutans	Indian Grass	4	0.91
Sporobolus heterolepis	Prairie Dropseed	4	0.68

Total Guild:	27.9	7.52	52.76%	52.6%
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**Legume**

Astragalus canadensis	Canada Milk Vetch	1.2	0.19
Chamaecrista fasciculata	Partridge Pea	0.1	0.10
Dalea candida	White Prairie Clover	1.3	0.19
Dalea purpurea	Purple Prairie Clover	1.7	0.31
Lespedeza capitata	Round-headed Bush Clover	0.3	0.10

Total Guild:	4.6	0.89	8.70%	6.2%
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Total Seed Mix:	52.88	14.30
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