

# 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

## Little Bluestem Urban Prairie

Function: Conservation

Intent: Little bluestem dry prairie for urban areas where the planting mix needs to be simple for aesthetic purposes and to decrease maintenance

Planting Area: Statewide

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	16.57%	84.4%
<b>Forb</b>	Asclepias tuberosa	Butterfly Milkweed	0.1	0.06		
	Asclepias verticillata	Whorled Milkweed	0.05	0.01		
	Liatris aspera	Rough Blazing Star	0.25	0.04		
	Penstemon grandiflorus	Large-flowered Beard Tongue	0.32	0.06		
	Rudbeckia hirta	Black-eyed Susan	10.32	0.31		
	Solidago nemoralis	Gray Goldenrod	2	0.02		
	Solidago ptarmicoides	Upland White Aster	1.26	0.05		
	Symphotrichum ericoides	Heath Aster	2.58	0.04		
	Symphotrichum laeve	Smooth Aster	0.8	0.04		
	Tradescantia bracteata	Bracted Spiderwort	0.6	0.16		
	Verbena stricta	Hoary Vervain	1.2	0.12		
	Zizia aptera	Heart-leaved Alexanders	0.2	0.05		

Total Guild:	19.68	0.96	29.30%	2.1%
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### Graminoid

Bouteloua curtipendula	Side-oats Grama	2	0.90
Bouteloua gracilis	Blue Grama	6	0.41
Bromus kalmii	Kalm's Brome	4	1.36
Koeleria macrantha	Junegrass	6	0.08
Schizachyrium scoparium	Little Bluestem	16.53	3.00

Total Guild:	34.53	5.75	51.41%	12.8%
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### Legume

Astragalus canadensis	Canada Milk Vetch	0.4	0.06
Dalea candida	White Prairie Clover	0.4	0.06
Dalea purpurea	Purple Prairie Clover	1.02	0.19

Total Guild:	1.82	0.31	2.71%	0.7%
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Total Seed Mix:	67.16	44.90		
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