

# 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 South & West

Function: Buffers

Intent: Showy prairie buffer establishment in urban areas

Planting Area: S & W

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	16.91%	82.4%
<b>Forb</b>					
Achillea millefolium	Common Yarrow	1	0.02		
Asclepias tuberosa	Butterfly Milkweed	0.071	0.04		
Asclepias verticillata	Whorled Milkweed	0.1	0.02		
Coreopsis palmata	Bird's Foot Coreopsis	0.15	0.04		
Helianthus pauciflorus	Stiff Sunflower	0.07	0.05		
Liatris aspera	Rough Blazing Star	0.25	0.04		
Phlox pilosa	Prairie Phlox	0.08	0.01		
Rudbeckia hirta	Black-eyed Susan	9	0.27		
Sisyrinchium campestre	Field Blue-eyed Grass	0.17	0.01		
Solidago speciosa	Showy Goldenrod	2	0.06		
Symphotrichum ericoides	Heath Aster	2	0.03		
Symphotrichum laeve	Smooth Aster	1.26	0.06		

Tradescantia ohiensis	Ohio Spiderwort	0.1	0.03
Verbena stricta	Hoary Vervain	1.29	0.13
Viola pedatifida	Bearded Birdfoot Violet	0.14	0.01
Zizia aurea	Golden Alexanders	0.8	0.20

Total Guild:	18.481	1.02	28.08%	2.2%
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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	20	3.63
Sporobolus heterolepis	Prairie Dropseed	1.1	0.19

Total Guild:	34.72	6.79	52.75%	14.8%
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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	2.26%	0.6%
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Total Seed Mix:	65.821	45.95
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