

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

Dry Short Urban Buffer General

Function: Buffers

Intent: Showy dry prairie buffer establishment in urban areas

Planting Area: Statewide

Specialization: NRCS 327

Scientific Name	Common Name	Seeds/ sq ft	Rate (lb/ac)	% Mix (by sqft)	% Mix (by wt)
Cover					
Avena sativa	Oats* (See Cover crop note)	11.13	37.88		
Total Guild:		11.13	37.88	19.35%	85.6%
Forb					
Asclepias syriaca	Common Milkweed	0.16	0.11		
Asclepias tuberosa	Butterfly Milkweed	0.1	0.06		
Liatris aspera	Rough Blazing Star	0.25	0.04		
Oligoneuron rigidum	Stiff Goldenrod	0.83	0.06		
Penstemon grandiflorus	Large-flowered Beard Tongue	0.32	0.06		
Pycnanthemum virginianum	Virginia Mountain Mint	1	0.01		
Rudbeckia hirta	Black-eyed Susan	5.15	0.15		
Solidago nemoralis	Gray Goldenrod	2	0.02		
Solidago ptarmicoides	Upland White Aster	1.26	0.05		
Symphotrichum ericoides	Heath Aster	2.58	0.04		
Tradescantia bracteata	Bracted Spiderwort	0.6	0.16		
Zizia aptera	Heart-leaved Alexanders	0.2	0.05		

Total Guild:	14.45	0.81	25.12%	1.8%
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Graminoid

Bouteloua curtipendula	Side-oats Grama	2	0.91
Bromus kalmii	Kalm's Brome	0.5	0.17
Koeleria macrantha	Junegrass	5.5	0.07
Panicum virgatum	Switchgrass	6	1.17
Schizachyrium scoparium	Little Bluestem	16.53	3.00

Total Guild:	30.53	5.32	53.07%	12.0%
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Legume

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

Total Guild:	1.42	0.25	2.47%	0.6%
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Total Seed Mix:	57.53	44.26		
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