

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

Landfill Pollinator Dry South & West

Function: Pollinator

Intent: Dry prairie mix for landfill plantings

Planting Area: S & W

Specialization:

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	12.05%	78.9%

Forb

Agastache foeniculum	Blue Giant Hyssop	2.07	0.06		
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		
Helianthus pauciflorus	Stiff Sunflower	0.09	0.06		
Liatris aspera	Rough Blazing Star	0.25	0.04		
Monarda fistulosa	Wild Bergamot	1.42	0.06		
Oligoneuron rigidum	Stiff Goldenrod	0.83	0.06		
Penstemon grandiflorus	Large-flowered Beard Tongue	1	0.19		
Phlox pilosa	Prairie Phlox	0.08	0.01		
Rudbeckia hirta	Black-eyed Susan	10.32	0.31		
Solidago nemoralis	Gray Goldenrod	3.86	0.04		

Symphyotrichum ericoides	Heath Aster	2.58	0.04
Symphyotrichum laeve	Smooth Aster	1.26	0.06
Verbena stricta	Hoary Vervain	2	0.19
Viola pedatifida	Bearded Birdfoot Violet	0.14	0.01

Total Guild:	26.31	1.27	28.49%	2.7%
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Graminoid

Andropogon gerardii	Big Bluestem	2.57	0.70
Bouteloua curtipendula	Side-oats Grama	4	1.82
Bouteloua gracilis	Blue Grama	6	0.41
Bromus kalmii	Kalm's Brome	1	0.34
Elymus canadensis	Canada Wild Rye	1.91	1.00
Koeleria macrantha	Junegrass	16	0.22
Schizachyrium scoparium	Little Bluestem	18	3.26
Sorghastrum nutans	Indian Grass	2.8	0.64
Sporobolus heterolepis	Prairie Dropseed	0.73	0.12

Total Guild:	53.01	8.51	57.41%	17.7%
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Legume

Dalea candida	White Prairie Clover	0.39	0.06
Dalea purpurea	Purple Prairie Clover	1.5	0.27

Total Guild:	1.89	0.33	2.05%	0.7%
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Total Seed Mix:	92.34	47.99
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