

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 Mesic Northeast

Function: Pollinator

Intent: Mesic prairie mix for landfill plantings

Planting Area: NE

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)	11.14	37.91		
Total Guild:		11.14	37.91	13.52%	73.7%

Forb

Agastache foeniculum	Blue Giant Hyssop	1.82	0.06		
Asclepias syriaca	Common Milkweed	0.16	0.11		
Asclepias tuberosa	Butterfly Milkweed	0.06	0.04		
Geranium maculatum	Wild Geranium	0.02	0.01		
Helianthus pauciflorus	Stiff Sunflower	0.09	0.06		
Heliopsis helianthoides	Ox-eye	0.4	0.17		
Monarda fistulosa	Wild Bergamot	1.61	0.07		
Oligoneuron rigidum	Stiff Goldenrod	0.94	0.06		
Rudbeckia hirta	Black-eyed Susan	10.56	0.31		
Sisyrinchium campestre	Field Blue-eyed Grass	0.17	0.01		
Symphotrichum ericoides	Heath Aster	2.3	0.03		
Symphotrichum laeve	Smooth Aster	1.26	0.06		

Verbena hastata	Blue Vervain	1.5	0.04
Verbena stricta	Hoary Vervain	0.64	0.06
Zizia aurea	Golden Alexanders	0.23	0.06

Total Guild:	21.76	1.15	26.42%	2.2%
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Graminoid

Andropogon gerardii	Big Bluestem	5	1.38
Bromus kalmii	Kalm's Brome	8	2.72
Elymus canadensis	Canada Wild Rye	2	1.05
Elymus trachycaulus	Slender Wheatgrass	2	0.99
Panicum virgatum	Switchgrass	10	1.94
Schizachyrium scoparium	Little Bluestem	16	2.90
Sorghastrum nutans	Indian Grass	5	1.13

Total Guild:	48	12.11	58.27%	23.5%
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Legume

Dalea candida	White Prairie Clover	0.44	0.06
Dalea purpurea	Purple Prairie Clover	1.03	0.19

Total Guild:	1.47	0.25	1.78%	0.5%
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Total Seed Mix:	82.37	51.42
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