

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

Shallow Rooted BMP Mix General

Function: Buffers Intent: Establish prairie vegetation over perforated drain tile where deep rooted species could plug tile
 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)	9	30.63		
Total Guild:		9	30.63	17.45%	74.1%

Forb					
Anemone canadensis	Canada Anemone	0.06	0.02		
Asclepias syriaca	Common Milkweed	0.16	0.11		
Lobelia siphilitica	Great Lobelia	4	0.02		
Monarda fistulosa	Wild Bergamot	2.6	0.10		
Solidago canadensis	Canada Goldenrod	4	0.04		
Tradescantia bracteata	Bracted Spiderwort	0.07	0.02		
Total Guild:		10.89	0.31	21.11%	0.8%

Graminoid					
Bouteloua gracilis	Blue Grama	10	0.68		
Bromus ciliatus	Fringed Brome	4	1.09		
Bromus kalmii	Kalm's Brome	1.2	0.41		
Elymus canadensis	Canada Wild Rye	4	2.09		

Elymus trachycaulus	Slender Wheatgrass	7	3.47
Elymus virginicus	Virginia Wild Rye	4	2.59

Total Guild:	30.2	10.33	58.54%	25.0%
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Sedge

Carex vulpinoidea	Brown Fox Sedge	1.5	0.04
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Total Guild:	1.5	0.04	2.91%	0.1%
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Total Seed Mix:	51.59	41.31
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