

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

Native Forage Buffer Mix South & West

Function: Buffers

Intent: Native buffer seed mix that can be hayed once or twice a year

Planting Area: S & W

Specialization: NRCS 393

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	21.85%	74.6%
Forb					
Helianthus maximilianii	Maximilian's Sunflower	0.3	0.06		
Ratibida pinnata	Gray-headed Coneflower	2.15	0.20		
Total Guild:		2.45	0.26	4.81%	0.5%
Graminoid					
Andropogon gerardii	Big Bluestem	8	2.18		
Bromus ciliatus	Fringed Brome	2	0.54		
Bromus kalmii	Kalm's Brome	1	0.35		
Elymus canadensis	Canada Wild Rye	3	1.57		
Elymus trachycaulus	Slender Wheatgrass	4	1.98		
Elymus virginicus	Virginia Wild Rye	3	1.94		
Panicum virgatum	Switchgrass	7	1.36		
Sorghastrum nutans	Indian Grass	6	1.36		

Total Guild:	34	11.28	66.69%	22.2%
--------------	----	-------	--------	-------

Legume

Chamaecrista fasciculata	Partridge Pea	0.99	0.99
Dalea candida	White Prairie Clover	1.3	0.19
Dalea purpurea	Purple Prairie Clover	1.1	0.20

Total Guild:	3.39	1.38	6.65%	2.7%
--------------	------	------	-------	------

Total Seed Mix:	50.98	50.83
-----------------	-------	-------