

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

Eroding Bank Stabilization Northwest & South

Function: Conservation

Intent: Stabilized steep eroding slopes with both early and later successional species.

Planting Area: NW & S

Specialization: NRCS 342

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	17.74%	76.6%
Forb					
Achillea millefolium	Common Yarrow	0.7	0.01		
Rudbeckia hirta	Black-eyed Susan	2.49	0.07		
Verbena hastata	Blue Vervain	1.9	0.06		
Total Guild:		5.09	0.14	8.11%	0.3%
Graminoid					
Andropogon gerardii	Big Bluestem	5.5	1.50		
Bromus ciliatus	Fringed Brome	3	0.82		
Elymus canadensis	Canada Wild Rye	2.8	1.47		
Elymus riparius	Riverbank Wild Rye	0.175	0.16		
Elymus trachycaulus	Slender Wheatgrass	5.3	2.62		
Elymus virginicus	Virginia Wild Rye	3	1.94		
Panicum virgatum	Switchgrass	3.05	0.59		

Poa palustris	Fowl Bluegrass	16	0.34
Sorghastrum nutans	Indian Grass	6.6	1.50

Total Guild:	45.425	10.94	72.34%	22.1%
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Legume

Astragalus canadensis	Canada Milk Vetch	0.2	0.04
Chamaecrista fasciculata	Partridge Pea	0.2	0.20
Dalea purpurea	Purple Prairie Clover	0.5	0.09
Desmodium canadense	Canada Tick Trefoil	0.19	0.09
Vicia americana	American Vetch	0.051	0.07

Total Guild:	1.141	0.49	1.82%	1.0%
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Total Seed Mix:	62.796	49.48
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