

BWSR Pilot Seed Mixes

Finalized

Eroding Bank Stabilization Northeast

Function: Buffers

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

Planting Area: NE

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	16.21%	80.3%
Forb					
Achillea millefolium	Common Yarrow	2	0.03		
Anaphalis margaritacea	Pearly Everlasting	0.8	0.01		
Drymocallis arguta	Tall Cinquefoil	2	0.02		
Rudbeckia hirta	Black-eyed Susan	3	0.09		
Solidago nemoralis	Gray Goldenrod	3.5	0.03		
Total Guild:		11.3	0.18	16.44%	0.4%
Graminoid					
Andropogon gerardii	Big Bluestem	5.5	1.50		
Bromus ciliatus	Fringed Brome	3	0.82		
Calamagrostis canadensis	Bluejoint	5	0.05		
Elymus canadensis	Canada Wild Rye	5	2.62		
Elymus riparius	Riverbank Wild Rye	0.2	0.19		

<i>Elymus trachycaulus</i>	Slender Wheatgrass	5	2.48
<i>Elymus villosus</i>	Downy Wild Rye	1.4	0.69
<i>Festuca subverticillata</i>	Nodding Fescue	1.1	0.15
<i>Poa palustris</i>	Fowl Bluegrass	19	0.40
<i>Schizachne purpurascens</i>	False Melic	0.5	0.04

Total Guild:	45.7	8.93	66.48%	18.9%
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Legume

<i>Astragalus canadensis</i>	Canada Milk Vetch	0.5	0.08
<i>Vicia americana</i>	American Vetch	0.1	0.13

Total Guild:	0.6	0.21	0.87%	0.5%
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Total Seed Mix:	68.74	47.24
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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).