

06‐Jan‐17

BWSR Pilot Seed Mixes

Finalized **Eroding Bank Stabilization Northeast**

Function: Buffers Planting Area: NE Specialization: NRCS 342

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

# Cover

## Scientific Name Common Name Seeds/ sq ft

Rate (lb/ac)

% Mix (by sqft)

% Mix (by wt)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | 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

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Elymus trachycaulus | Slender Wheatgrass | 5 | 2.48 |  |  |
|  | Elymus villosus | Downy Wild Rye | 1.4 | 0.69 |  |  |
|  | Festuca subverticillata | Nodding Fescue | 1.1 | 0.15 |  |  |
|  | Poa palustris | Fowl Bluegrass | 19 | 0.40 |  |  |
|  | Schizachne purpurascens | False Melic | 0.5 | 0.04 |  |  |
|  |  | Total Guild: | 45.7 | 8.93 | 66.48% | 18.9% |
| **Legume** | Astragalus canadensis | Canada Milk Vetch | 0.5 | 0.08 |  |  |
|  | Vicia americana | American Vetch | 0.1 | 0.13 |  |  |
|  |  | Total Guild: | 0.6 | 0.21 | 0.87% | 0.5% |
|  |  | Total Seed Mix: | 68.74 | 47.24 |  |  |

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).