

July 5, 2018

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 Planting Area: NW & S Specialization: NRCS 342

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

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Scientific Name Common Name Seeds/ sq ft  **Cover** | | | | 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 | 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% |
| **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% |
|  |  | Total Seed Mix: | 62.796 | 49.48 |  |  |