

06‐Jan‐17

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 **Shallow Rooted BMP Mix General**

Function: Buffers Planting Area: Statewide Specialization: NRCS 327

Intent: Establish prairie vegetation over perforated drain tile where deep rooted species could plug tile

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Scientific Name Common Name Seeds/ sq ft**Cover** | Rate (lb/ac) | % Mix (by sqft) | % Mix (by wt) |  |
|  | Avena sativa | Oats\* (See Cover crop note) | 9 | 30.63 |  |  |
|  |  | Total Guild: | 9 | 30.63 | 17.45% | 74.1% |
| **Forb** | Anemone canadesis | Canada Anemone | 0.06 | 0.02 |  |  |
|  | Asclepias syriaca | Common Milkweed | 0.16 | 0.11 |  |  |
|  | Lobelia siphilitica | Great Lobelia | 4 | 0.02 |  |  |
|  | Monarda fistulosa | Wild Bergamot | 2.6 | 0.10 |  |  |
|  | Solidago canadensis | Canada Goldenrod | 4 | 0.04 |  |  |
|  | Tradescantia bracteata | Bracted Spiderwort | 0.07 | 0.02 |  |  |
| Total Guild: 10.89 | 0.31 | 21.11% | 0.8% |

**Graminoid**

Bouteloua gracilis Blue Grama 10 0.68

Bromus ciliatus Fringed Brome 4 1.09

Bromus kalmii Kalm's Brome 1.2 0.41

Elymus canadensis Canada Wild Rye 4 2.09

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Elymus trachycaulus | Slender Wheatgrass | 7 | 3.47 |  |
| Elymus virginicus | Virginia Wild Rye | 4 | 2.59 |
|  |  | Total Guild: | 30.2 | 10.33 | 58.54% | 25.0% |
| **Sedge** | Carex vulpinoidea | Brown Fox Sedge | 1.5 | 0.04 |  |  |
|  |  | Total Guild: | 1.5 | 0.04 | 2.91% | 0.1% |
|  |  | Total Seed Mix: | 51.59 | 41.31 |  |  |