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 **Forest Groundcover East**

Function: Woodland Planting Area: NE & E Specialization:

Intent: Soil stabilizing in forests following invasive species removal and other disturbance

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 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 | 66.43% | 96.4% |
| **Forb** | Eurybia macrophylla | Large‐leaved Aster | 0.2 | 0.02 |  |  |
|  | Geranium maculatum | Wild Geranium | 0.1 | 0.05 |  |  |
|  | Hydrophyllum virginianum | Virginia Waterleaf | 0.1 | 0.10 |  |  |
|  | Osmorhiza claytonii | Clayton's Sweet Cicely | 0.1 | 0.11 |  |  |
|  | Rudbeckia laciniata | Tall Coneflower | 0.22 | 0.04 |  |  |
|  | Smilacina racemosa | False Solomons Seal | 0.01 | 0.07 |  |  |
|  | Solidago flexicaulis | Zigzag Goldenrod | 1.3 | 0.04 |  |  |
| Total Guild: 2.03 | 0.43 | 12.10% | 1.1% |

**Graminoid**

Elymus hystrix Bottlebrush Grass 0.5 0.18

Elymus villosus Downy Wild Rye 1 0.50

Festuca subverticillata Nodding Fescue 1.8 0.25

**Sedge**

Carex sprengelii Sprengel's Sedge 0.3 0.08

Total Guild: 3.3 0.92 19.68% 2.3%

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Total Guild: | 0.3 | 0.08 | 1.79% | 0.2% |
| Total Seed Mix: | 16.77 | 39.35 |  |  |