

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 **Stormwater Pond Pollinator Northeast**

Function: Stormwater Planting Area: NE Specialization:

Intent: Stormwater pond vegetation establishment for pollinator habitat establishment

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 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 | 8.76% | 79.9% |
| **Forb** | Agastache foeniculum | Blue Giant Hyssop | 3 | 0.09 |  |  |
|  | Asclepias incarnata | Marsh Milkweed | 0.22 | 0.12 |  |  |
|  | Asclepias syriaca | Common Milkweed | 0.16 | 0.11 |  |  |
|  | Asclepias tuberosa | Butterfly Milkweed | 0.09 | 0.06 |  |  |
|  | Eupatorium perfoliatum | Common Boneset | 4 | 0.07 |  |  |
|  | Eutrochium maculatum | Spotted Joe Pye Weed | 2 | 0.06 |  |  |
|  | Gentiana andrewsii | Bottle Gentian | 5 | 0.05 |  |  |
|  | Helenium autumnale | Autumn Sneezeweed | 6.5 | 0.14 |  |  |
|  | Lobelia siphilitica | Great Lobelia | 6 | 0.03 |  |  |
|  | Mimulus ringens | Blue Monkey Flower | 20 | 0.02 |  |  |
|  | Monarda fistulosa | Wild Bergamot | 5 | 0.19 |  |  |
|  | Oligoneuron rigidum | Stiff Goldenrod | 3.1 | 0.21 |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Pycnanthemum virginianum | Virginia Mountain Mint | 3 | 0.04 |
| Rudbeckia hirta | Black‐eyed Susan | 4 | 0.12 |
| Sisyrinchium campestre | Field Blue‐eyed Grass | 0.17 | 0.01 |
| Symphyotrichum novae‐angliae | New England Aster | 2 | 0.08 |
| Verbena hastata | Blue Vervain | 5.8 | 0.17 |
| Zizia aurea | Golden Alexanders | 0.05 | 0.01 |
| Total Guild: 70.09 | 1.58 | 55.09% | 3.3% |
| **Graminoid** | Andropogon gerardii | Big Bluestem | 5 | 1.36 |  |  |
|  | Beckmannia syzigachne | American Slough Grass | 10 | 0.54 |  |  |
|  | Bromus ciliatus | Fringed Brome | 3 | 0.82 |  |  |
|  | Elymus canadensis | Canada Wild Rye | 1.5 | 0.79 |  |  |
|  | Elymus trachycaulus | Slender Wheatgrass | 2 | 0.99 |  |  |
|  | Elymus virginicus | Virginia Wild Rye | 1.5 | 0.97 |  |  |
|  | Panicum virgatum | Switchgrass | 4 | 0.78 |  |  |
|  | Poa palustris | Fowl Bluegrass | 12 | 0.25 |  |  |
|  | Sorghastrum nutans | Indian Grass | 4 | 0.91 |  |  |
|  |  | Total Guild: | 43 | 7.41 | 33.80% | 15.6% |
| **Legume** | Dalea purpurea | Purple Prairie Clover | 3 | 0.54 |  |  |
|  |  | Total Guild: | 3 | 0.54 | 2.36% | 1.1% |
|  |  | Total Seed Mix: | 127.23 | 47.44 |  |  |