

 **Stormwater Northeast**

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| **33-361** |  |  |  |  |  |
| **Common Name** | **Scientific Name** | **Rate (kg/ha)** | **Rate (lb/ac)** | **% of Mix (% by wt)** | **Seeds/ sq ft** |
| fringed brome | *Bromus ciliatus* | 4.09 | 3.65 | 10.43% | 14.75 |
| bluejoint | *Calamagrostis canadensis* | 0.06 | 0.05 | 0.13% | 4.80 |
| nodding wild rye | *Elymus canadensis* | 2.24 | 2.00 | 5.71% | 3.82 |
| Virginia wild rye | *Elymus virginicus* | 2.24 | 2.00 | 5.73% | 3.09 |
| tall manna grass | *Glyceria grandis* | 0.18 | 0.16 | 0.44% | 4.00 |
| fowl bluegrass | *Poa palustris* | 0.72 | 0.64 | 1.82% | 30.40 |
|  | **Total Grasses** | **9.53** | **8.50** | **24.26%** | **60.86** |
| porcupine sedge | *carex hystericina* | 0.10 | 0.09 | 0.26% | 1.00 |
| pointed broom sedge | *Carex scoparia* | 0.04 | 0.04 | 0.12% | 1.30 |
| dark green bulrush | *Scirpus atrovirens* | 0.30 | 0.27 | 0.76% | 45.00 |
| woolgrass | *Scirpus cyperinus* | 0.11 | 0.10 | 0.27% | 60.00 |
|  | **Total Sedges and Rushes** | **0.56** | **0.50** | **0.27%** | **107.30** |
| Canada anemone | *Anemone canadensis* | 0.11 | 0.10 | 0.29% | 0.30 |
| marsh milkweed | *Asclepias incarnata* | 0.50 | 0.45 | 1.30% | 0.80 |
| flat-topped aster | *Doellingeria umbellata* | 0.11 | 0.10 | 0.29% | 2.50 |
| common boneset | *Eupatorium perfoliatum* | 0.06 | 0.05 | 0.15% | 3.00 |
| grass-leaved goldenrod | *Euthamia graminifolia* | 0.04 | 0.04 | 0.11% | 5.00 |
| spotted Joe pye weed | *Eutrochium maculatum* | 0.17 | 0.15 | 0.42% | 5.10 |
| blue monkey flower | *Mimulus ringens* | 0.02 | 0.02 | 0.07% | 20.00 |
| giant goldenrod | *Solidago gigantea* | 0.02 | 0.02 | 0.06% | 2.00 |
| eastern panicled aster | *Symphyotrichum lanceolatum* | 0.02 | 0.02 | 0.05% | 1.00 |
| tall meadow-rue | *Thalictrum dasycarpum* | 0.06 | 0.05 | 0.16% | 0.40 |
|  | **Total Forbs** | **1.12** | **1.00** | **2.90%** | **40.10** |
| Oats | *Avena sativa* | 28.02 | 25.00 | 71.43% | 11.14 |
|  | **Total Cover Crop** | **28.02** | **25.00** | **71.43%** | **11.14** |
|  | **Totals:** | **39.23** | **35.00** | **100.00%** | **219.40** |
| **Purpose:** | Stormwater pond edges, temporarily flooded dry ponds, and temporarily flooded ditch bottoms. |
| **Planting Area:** | Laurentian Mixed Forest Province. Mn/DOT Districts 1, 2(east) and 3A. |