



## MN DOT 33-361 STORMWATER NORTHEAST MIX

All seed mixtures are designed in accordance with state-specific requirements.

Common Name	Scientific Name	Rate (lb/ac)	Rate (kg/ha)	% of Mix (by weight)	Seeds/ sq ft
fringed brome	<i>Bromus ciliatus</i>	3.65	4.09	10.43%	14.75
nodding wild rye	<i>Elymus canadensis</i>	2.00	2.24	5.71%	3.82
Virginia wild rye	<i>Elymus virginicus</i>	2.00	2.24	5.73%	3.09
fowl bluegrass	<i>Poa palustris</i>	0.64	0.72	1.82%	30.40
tall manna grass	<i>Glyceria grandis</i>	0.16	0.18	0.44%	4.00
bluejoint	<i>Calamagrostis canadensis</i>	0.05	0.06	0.13%	4.80
	<b>Grasses Subtotal</b>	<b>8.50</b>	<b>9.53</b>	<b>24.26%</b>	<b>60.86</b>
dark green bulrush	<i>Scirpus atrovirens</i>	0.27	0.30	0.76%	45.00
woolgrass	<i>Scirpus cyperinus</i>	0.10	0.11	0.27%	60.00
porcupine sedge	<i>Carex hystericina</i>	0.09	0.10	0.26%	1.00
pointed broom sedge	<i>Carex scoparia</i>	0.04	0.04	0.12%	1.30
	<b>Sedges &amp; Rushes Subtotal</b>	<b>0.50</b>	<b>0.56</b>	<b>0.12%</b>	<b>107.30</b>
marsh milkweed	<i>Asclepias incarnata</i>	0.45	0.50	1.30%	0.80
spotted Joe pye weed	<i>Eutrochium maculatum</i>	0.15	0.17	0.42%	5.10
Canada anemone	<i>Anemone canadensis</i>	0.10	0.11	0.29%	0.30
flat-topped aster	<i>Doellingeria umbellata</i>	0.10	0.11	0.29%	2.50
common boneset	<i>Eupatorium perfoliatum</i>	0.05	0.06	0.15%	3.00
tall meadow-rue	<i>Thalictrum dasycarpum</i>	0.05	0.06	0.16%	0.40
grass-leaved goldenrod	<i>Euthamia graminifolia</i>	0.04	0.04	0.11%	5.00
blue monkey flower	<i>Mimulus ringens</i>	0.02	0.02	0.07%	20.00
giant goldenrod	<i>Solidago gigantea</i>	0.02	0.02	0.06%	2.00
eastern panicled aster	<i>Symphotrichum lanceolatum</i>	0.02	0.02	0.05%	1.00
	<b>Forbs Subtotal</b>	<b>1.00</b>	<b>1.12</b>	<b>2.90%</b>	<b>40.10</b>
Oats	<i>Avena sativa</i>	25.00	28.02	71.43%	11.14
	<b>Cover Crop Subtotal</b>	<b>25.00</b>	<b>28.02</b>	<b>71.43%</b>	<b>11.14</b>
	<b>Total</b>	<b>35.00</b>	<b>39.23</b>	<b>100.00%</b>	<b>219.40</b>
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.				