



MN DOT 34-361 RIPARIAN 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
Virginia wild rye	<i>Elymus virginicus</i>	2.00	2.24	6.33%	3.08
American slough grass	<i>Beckmannia syzigachne</i>	1.50	1.68	4.78%	27.64
fowl bluegrass	<i>Poa palustris</i>	0.70	0.78	2.23%	33.50
riverbank wild rye	<i>Elymus riparius</i>	0.50	0.56	1.57%	0.53
tall manna grass	<i>Glyceria grandis</i>	0.25	0.28	0.80%	6.50
rice cut grass	<i>Leersia oryzoides</i>	0.15	0.17	0.49%	1.93
fowl manna grass	<i>Glyceria striata</i>	0.09	0.10	0.29%	3.00
bluejoint	<i>Calamagrostis canadensis</i>	0.06	0.07	0.19%	6.00
	Grasses Subtotal	5.25	5.88	16.68%	82.18
fox sedge	<i>Carex vulpinoidea</i>	0.20	0.22	0.65%	7.50
dark green bulrush	<i>Scirpus atrovirens</i>	0.12	0.13	0.38%	20.00
pointed broom sedge	<i>Carex scoparia</i>	0.06	0.07	0.21%	2.00
woolgrass	<i>Scirpus cyperinus</i>	0.05	0.06	0.15%	30.00
tussock sedge	<i>Carex stricta</i>	0.04	0.04	0.13%	0.80
path rush	<i>Juncus tenuis</i>	0.03	0.03	0.09%	10.00
	Sedges & Rushes Subtotal	0.50	0.56	1.61%	70.30
blue vervain	<i>Verbena hastata</i>	0.22	0.25	0.68%	7.35
marsh milkweed	<i>Asclepias incarnata</i>	0.12	0.13	0.38%	0.21
spotted Joe pye weed	<i>Eutrochium maculatum</i>	0.11	0.12	0.34%	3.70
grass-leaved goldenrod	<i>Euthamia graminifolia</i>	0.07	0.08	0.22%	9.00
giant sunflower	<i>Helianthus giganteus</i>	0.07	0.08	0.22%	0.25
common boneset	<i>Eupatorium perfoliatum</i>	0.05	0.06	0.16%	3.00
flat-topped aster	<i>Doellingeria umbellata</i>	0.04	0.04	0.13%	1.00
spotted touch-me-not	<i>Impatiens capensis</i>	0.03	0.03	0.11%	0.05
blue monkey flower	<i>Mimulus ringens</i>	0.02	0.02	0.05%	13.00
giant goldenrod	<i>Solidago gigantea</i>	0.02	0.02	0.05%	1.50
	Forbs Subtotal	0.75	0.84	2.34%	39.06
Oats	<i>Avena sativa</i>	25.00	28.02	79.37%	11.14
	Cover Crop Subtotal	25.00	28.02	79.37%	11.14
	Total	31.50	35.31	100.00%	202.67
Purpose:	Native riparian and floodplain plantings for wetland mitigation, ecological restoration, or general permanent cover after culvert or bridge work. Tolerates partial shade.				
Planting Area:	Laurentian Mixed Forest Province. Mn/DOT Districts 1, 2(east) and 3A.				