



## MN DOT 35-541 MESIC PRAIRIE SOUTHWEST 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
little bluestem	<i>Schizachyrium scoparium</i>	1.50	1.68	12.50%	8.27
Indian grass	<i>Sorghastrum nutans</i>	1.50	1.68	12.54%	6.63
big bluestem	<i>Andropogon gerardii</i>	0.90	1.01	7.49%	3.30
side-oats grama	<i>Bouteloua curtipendula</i>	0.90	1.01	7.49%	1.98
nodding wild rye	<i>Elymus canadensis</i>	0.90	1.01	7.46%	1.71
slender wheatgrass	<i>Elymus trachycaulus</i>	0.90	1.01	7.46%	2.27
western wheatgrass	<i>Pascopyrum smithii</i>	0.50	0.56	4.15%	1.30
green needle grass	<i>Nassella viridula</i>	0.44	0.49	3.67%	1.70
switchgrass	<i>Panicum virgatum</i>	0.16	0.18	1.30%	0.80
	<b>Grasses Subtotal</b>	<b>7.70</b>	<b>8.63</b>	<b>64.06%</b>	<b>27.96</b>
golden alexanders	<i>Zizia aurea</i>	0.25	0.28	2.06%	1.00
partridge pea	<i>Chamaecrista fasciculata</i>	0.10	0.11	0.84%	0.10
narrow-leaved purple coneflower	<i>Echinacea angustifolia</i>	0.08	0.09	0.65%	0.20
purple prairie clover	<i>Dalea purpurea</i>	0.07	0.08	0.61%	0.40
gray-headed coneflower	<i>Ratibida pinnata</i>	0.07	0.08	0.61%	0.80
blue vervain	<i>Verbena hastata</i>	0.07	0.08	0.61%	2.50
Canada milk vetch	<i>Astragalus canadensis</i>	0.06	0.07	0.53%	0.40
Early Sunflower	<i>Heliopsis helianthoides</i>	0.06	0.07	0.50%	0.14
black-eyed susan	<i>Rudbeckia hirta</i>	0.06	0.07	0.49%	2.00
Canada tick trefoil	<i>Desmodium canadense</i>	0.05	0.06	0.45%	0.11
hoary vervain	<i>Verbena stricta</i>	0.05	0.06	0.41%	0.50
wild bergamot	<i>Monarda fistulosa</i>	0.04	0.04	0.29%	0.90
white prairie clover	<i>Dalea candida</i>	0.03	0.03	0.24%	0.20
rough blazing star	<i>Liatris aspera</i>	0.03	0.03	0.28%	0.20
stiff goldenrod	<i>Oligoneuron rigidum</i>	0.03	0.03	0.28%	0.50
smooth aster	<i>Symphotrichum laeve</i>	0.03	0.03	0.25%	0.60
great blazing star	<i>Liatris pycnostachya</i>	0.02	0.02	0.21%	0.10
	<b>Forbs Subtotal</b>	<b>1.10</b>	<b>1.23</b>	<b>9.31%</b>	<b>10.65</b>
Oats	<i>Avena sativa</i>	3.20	3.59	26.63%	1.42
	<b>Cover Crop Subtotal</b>	<b>3.20</b>	<b>3.59</b>	<b>26.63%</b>	<b>1.42</b>
	<b>Total</b>	<b>12.00</b>	<b>13.45</b>	<b>100.00%</b>	<b>40.03</b>
Purpose:	Regional mesic prairie reconstruction for wetland mitigation, ecological restoration, or conservation program plantings.				
Planting Area:	North-Central Glaciated Plains Section. Mn/DOT Districts 3A(southwest) 3B, 4(south), 7 & 8.				