



MN DOT SOUTHERN SHORTGRASS ROADSIDE

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

Purpose:	Inslopes and medians; full sun to part-shade; any site with dry soils that will get mowed twice per year or less. This mix meets pollinator habitat requirements.				
Planting Area:	Southern 2/3 of MN; MnDOT Districts 3B, 4, 6, 7, 8, & Metro.				
Replaces:	35-221 Dry Prairie General & 36-211 Woodland Edge S & W				
Cost Estimate:	\$950/acre (35-221 averages \$860/acre, 36-211 averages \$1,200/acre)				
Common Name	Scientific Name	Rate (lb/ac)	% of Mix (by weight)	% by Seed	Seeds/sq ft
Side-oats Grama	<i>Bouteloua curtipendula</i>	3.50	13.46%	5.16%	7.71
Blue Grama	<i>Bouteloua gracilis</i>	0.90	3.46%	8.84%	13.22
Kalm's Brome	<i>Bromus kalmii</i>	0.90	3.46%	1.77%	2.64
Short Sedge	<i>Carex brevior</i>	0.10	0.38%	0.71%	1.07
Nodding Wild Rye	<i>Elymus canadensis</i>	2.50	9.62%	3.19%	4.78
Slender Wheatgrass	<i>Elymus trachycaulus</i>	6.00	23.08%	10.16%	15.21
Junegrass	<i>Koeleria macrantha</i>	0.10	0.38%	4.91%	7.35
Perennial Ryegrass	<i>Lolium perenne</i>	6.00	23.08%	19.98%	29.89
Little Bluestem	<i>Schizachyrium scoparium</i>	3.00	11.54%	11.05%	16.53
	Grasses Subtotal	23.00	88.46%	65.76%	98.39
Leadplant	<i>Amorpha canescens</i>	0.15	0.58%	0.45%	0.67
Long-headed Thimbleweed	<i>Anemone cylindrica</i>	0.04	0.00%	0.26%	0.38
Prairie Sage	<i>Artemisia ludoviciana</i>	0.05	0.19%	3.07%	4.59
Butterfly Milkweed	<i>Asclepias tuberosa</i>	0.10	0.38%	0.11%	0.16
Whorled Milkweed	<i>Asclepias verticillata</i>	0.05	0.19%	0.14%	0.20
Partridge Pea	<i>Chamaecrista fasciculata</i>	0.60	2.31%	0.40%	0.60
Purple Prairie Clover	<i>Dalea purpurea</i>	0.50	1.92%	1.84%	2.75
Tall Cinquefoil	<i>Drymocallis arguta</i>	0.06	0.00%	3.39%	5.07
Narrow-leaved Purple Coneflower	<i>Echinacea angustifolia</i>	0.06	0.23%	0.10%	0.15
Stiff Sunflower	<i>Helianthus pauciflorus</i>	0.06	0.23%	0.06%	0.09
Alumroot	<i>Heuchera richardsonii</i>	0.04	0.15%	6.87%	10.28
Round-headed Bush Clover	<i>Lespedeza capitata</i>	0.20	0.77%	0.39%	0.59
Rough Blazing Star	<i>Liatris aspera</i>	0.05	0.19%	0.20%	0.29

Wild Bergamot	<i>Monarda fistulosa</i>	0.05	0.19%	0.86%	1.29
Prairie Coneflower	<i>Ratibida columnifera</i>	0.15	0.58%	1.55%	2.31
Black-eyed Susan	<i>Rudbeckia hirta</i>	0.25	0.96%	5.65%	8.45
Gray Goldenrod	<i>Solidago nemoralis</i>	0.05	0.19%	3.68%	5.51
Stiff Goldenrod	<i>Solidago rigida</i>	0.06	0.23%	0.60%	0.90
Heath Aster	<i>Symphyotrichum ericoides</i>	0.05	0.19%	2.45%	3.67
Sky-blue Aster	<i>Symphyotrichum oolentangiense</i>	0.05	0.19%	0.98%	1.47
Prairie Rose	<i>Rosa arkansana</i>	0.10	0.38%	0.02%	0.03
Bracted Spiderwort	<i>Tradescantia bracteata</i>	0.08	0.31%	0.20%	0.29
Hoary Vervain	<i>Verbena stricta</i>	0.10	0.38%	0.69%	1.03
Heart-leaved Alexanders	<i>Zizia aptera</i>	0.10	0.38%	0.29%	0.44
	Forbs Subtotal	3.00	11.12%	34.24%	51.23
	Total	26.00	100%	100%	149.63