



MN DOT NORTHWEST 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:	NW MN; MnDOT District 2 west*				
Replaces:	35-221 Dry Prairie General & 36-411 Woodland Edge NW				
Cost Estimate:	\$950/acre (35-221 averages \$860/acre, 36-411 rarely used)				
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%	5.12%	7.71
Blue Grama	<i>Bouteloua gracilis</i>	0.75	2.88%	7.31%	11.02
Nodding Wild Rye	<i>Elymus canadensis</i>	2.50	9.62%	3.17%	4.78
Slender Wheatgrass	<i>Elymus trachycaulus</i>	5.60	21.54%	9.41%	14.19
Junegrass	<i>Koeleria macrantha</i>	0.15	0.58%	7.31%	11.02
Perennial Ryegrass	<i>Lolium perenne</i>	6.00	23.08%	19.82%	29.89
Green Needle Grass	<i>Nassella viridula</i>	1.00	3.85%	2.56%	3.86
Little Bluestem	<i>Schizachyrium scoparium</i>	3.00	11.54%	10.96%	16.53
Rough Dropseed	<i>Sporobolus compositus</i>	0.50	1.92%	3.65%	5.51
	Grasses Subtotal	23.00	88.47%	69.31%	104.51
Blue Giant Hyssop	<i>Agastache foeniculum</i>	0.05	0.19%	1.10%	1.65
Prairie Wild Onion	<i>Allium stellatum</i>	0.05	0.19%	0.13%	0.20
Leadplant	<i>Amorpha canescens</i>	0.15	0.58%	0.45%	0.67
Prairie Sage	<i>Artemisia ludoviciana</i>	0.05	0.19%	3.04%	4.59
Common Milkweed	<i>Asclepias syriaca</i>	0.10	0.38%	0.10%	0.15
Whorled Milkweed	<i>Asclepias verticillata</i>	0.05	0.19%	0.13%	0.20
White Prairie Clover	<i>Dalea candida</i>	0.60	2.31%	2.78%	4.19
Purple Prairie Clover	<i>Dalea purpurea</i>	0.60	2.31%	2.19%	3.31
Tall Cinquefoil	<i>Drymocallis arguta</i>	0.06	0.23%	3.36%	5.07
Narrow-leaved Purple Coneflower	<i>Echinacea angustifolia</i>	0.06	0.23%	0.10%	0.15
Blanketflower	<i>Gaillardia aristata</i>	0.06	0.23%	0.17%	0.26
Wild Licorice	<i>Glycyrrhiza lepidota</i>	0.10	0.38%	0.10%	0.14
Stiff Sunflower	<i>Helianthus pauciflorus</i>	0.06	0.23%	0.06%	0.09

Dotted Blazing Star	<i>Liatris punctata</i>	0.05	0.19%	0.09%	0.13
Wild Bergamot	<i>Monarda fistulosa</i>	0.05	0.19%	0.85%	1.29
Prairie Coneflower	<i>Ratibida columnifera</i>	0.15	0.58%	1.53%	2.31
Prairie Rose	<i>Rosa arkansana</i>	0.08	0.31%	0.02%	0.03
Black-eyed Susan	<i>Rudbeckia hirta</i>	0.25	0.96%	5.60%	8.45
Gray Goldenrod	<i>Solidago nemoralis</i>	0.05	0.19%	3.65%	5.51
Stiff Goldenrod	<i>Solidago rigida</i>	0.06	0.23%	0.60%	0.90
Showy Goldenrod	<i>Solidago speciosa</i>	0.05	0.19%	0.97%	1.47
Heath Aster	<i>Symphyotrichum ericoides</i>	0.05	0.19%	2.44%	3.67
Smooth Blue Aster	<i>Symphyotrichum laeve</i>	0.06	0.23%	0.80%	1.21
Western Spiderwort	<i>Tradescantia occidentalis</i>	0.06	0.23%	0.13%	0.20
Heart-leaved Alexanders	<i>Zizia aptera</i>	0.10	0.38%	0.29%	0.44
	Forbs Subtotal	3.00	11.51%	30.69%	46.28
	Total	26.00	100%	100%	150.79