

Southern Tallgrass Roadside

Abbreviation: STR

Purpose:	backslopes and ditch bottoms; full sun to part-shade; any site with moderate moisture that will be mowed once 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:	35-241 Mesic Prairie General & 36-211 Woodland Edge S & W				
Cost Estimate:	\$680/acre (35-241 averages \$560/acre & 36-211 averages \$1,200/acre)				
Common Name	Scientific Name	Rate (lb/ac)	% of Mix (by weight)	% by Seed	Seeds/ sq ft
Big Bluestem	<i>Andropogon gerardii</i>	2.50	9.62%	7.87%	9.18
Side-oats Grama	<i>Bouteloua curtipendula</i>	2.00	7.69%	3.78%	4.41
Kalm's Brome	<i>Bromus kalmii</i>	0.90	3.46%	2.27%	2.64
Nodding Wild Rye	<i>Elymus canadensis</i>	4.00	15.38%	6.55%	7.64
Slender Wheatgrass	<i>Elymus trachycaulus</i>	5.00	19.23%	10.86%	12.67
Perennial Ryegrass	<i>Lolium perenne</i>	6.00	23.08%	25.62%	29.89
Switchgrass	<i>Panicum virgatum</i>	0.25	0.96%	1.10%	1.29
Indian Grass	<i>Sorghastrum nutans</i>	2.25	8.65%	8.50%	9.92
Prairie Dropseed	<i>Sporobolus heterolepis</i>	0.10	0.38%	0.50%	0.59
	Grasses Subtotal	23.00	88.45%	67.05%	78.23
Common Yarrow	<i>Achillea millefolium</i>	0.03	0.12%	1.68%	1.96
Marsh Milkweed	<i>Asclepias incarnata</i>	0.05	0.19%	0.08%	0.09
Common Milkweed	<i>Asclepias syriaca</i>	0.05	0.19%	0.06%	0.07
Butterfly Milkweed	<i>Asclepias tuberosa</i>	0.10	0.38%	0.14%	0.16
Canada Milkvetch	<i>Astragalus canadensis</i>	0.20	0.77%	1.07%	1.25
Partridge Pea	<i>Chamaecrista fasciculata</i>	0.50	1.92%	0.43%	0.50
Field Thistle	<i>Cirsium discolor</i>	0.05	0.19%	0.12%	0.14
White Prairie Clover	<i>Dalea candida</i>	0.50	1.92%	2.99%	3.49
Canada Tick Trefoil	<i>Desmodium canadense</i>	0.25	0.96%	0.43%	0.51
Maximilian's Sunflower	<i>Helianthus maximiliani</i>	0.10	0.38%	0.41%	0.48
Early Sunflower	<i>Heliopsis helianthoides</i>	0.10	0.38%	0.20%	0.23
Northern Plains Blazing Star	<i>Liatris ligulistylis</i>	0.05	0.19%	0.16%	0.18
Wild Bergamot	<i>Monarda fistulosa</i>	0.05	0.19%	1.10%	1.29
Common Evening Primrose	<i>Oenothera biennis</i>	0.05	0.19%	1.42%	1.65
Virginia Mountain Mint	<i>Pycnanthemum virginianum</i>	0.03	0.12%	2.08%	2.42
Gray-headed Coneflower	<i>Ratibida pinnata</i>	0.10	0.38%	0.94%	1.10
Black-eyed Susan	<i>Rudbeckia hirta</i>	0.25	0.96%	7.24%	8.45
Compass Plant	<i>Silphium laciniatum</i>	0.10	0.38%	0.02%	0.02

Stiff Goldenrod	<i>Solidago rigida</i>	0.06	0.23%	0.77%	0.90
Smooth Blue Aster	<i>Symphyotrichum laeve</i>	0.05	0.19%	0.87%	1.01
New England Aster	<i>Symphyotrichum novae-angliae</i>	0.05	0.19%	1.02%	1.19
Smooth Wild Rose	<i>Rosa blanda</i>	0.06	0.23%	0.05%	0.06
Tall Meadow Rue	<i>Thalictrum dasycarpum</i>	0.06	0.23%	0.38%	0.44
Blue Vervain	<i>Verbena hastata</i>	0.05	0.19%	1.46%	1.71
Culver's Root	<i>Veronicastrum virginicum</i>	0.03	0.12%	7.56%	8.82
Golden Alexanders	<i>Zizia aurea</i>	0.08	0.31%	0.28%	0.32
	Forbs Subtotal	3.00	11.50%	32.95%	38.44
	Total	26.00	100%	100%	116.67

Species considered but not included:

- little bluestem – Not included because this is predominantly a tallgrass mix; sideoats grama is already included in case drier conditions are encountered.

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