

1.00

Acres

Target

Species Richness

Commonly Used    Commercially Available    All Species  
 Grasses Only    Forbs/Legumes Only    Show All  
 Native Species Only    Introduced Species Only    Show All  
Moisture Regime:  None    Xeric (dry)    Mesic (medium)    Hydric (wet)  
-OR-  Dry Prairie    Mesic Prairie    Wet Prairie    Sand Prairie  
Habitat:  Oak Savanna    Glade    Wetland    Woodland  
 Pollinator    Monarch    Bee    Show All

Bloom Period:  Spring (1)    Summer (2)    Fall (3)    Show All  
Bloom Color:  Show All    Blue/Purple    White    Pink/Violet  
 Green    Red/Orange    Yellow  
 Reset Filters    Clear Mixture    Transfer Mix to Seeding Plan  
 Lock Header    Unlock Header    Transfer Mix to Favorite Mix 1  
 Show Mixture    Transfer Mix to Favorite Mix 2  
 Transfer Mix to Favorite Mix 3  
Design Mixture By:  PLS lbs/Acre    PLS/ft<sup>2</sup>    % of Mix by PLS/ft<sup>2</sup>  
 % of Mix by Base Rate    Show All

3 Grasses:  
25 Forbs/Legumes:  
28

PLS lbs/acre	PLS/ft <sup>2</sup>	% of Mix by PLS/ft <sup>2</sup>
5.225	20.92	51.1%
1.499	20.00	48.9%
<b>6.724</b>	<b>40.92</b>	<b>100.0%</b>

Bloom Period	# of Species	% of Mix by PLS/ft <sup>2</sup>
Spring	3	4.61%
Summer	14	35.33%
Fall	8	8.93%

Common Name	Scientific Name	PLS lbs/acre	PLS/ft <sup>2</sup>	% of Mix by PLS/ft <sup>2</sup>	% of Mix by Base Rate	PLS lbs/acre	PLS/ft <sup>2</sup>	% of Mix by PLS/ft <sup>2</sup>	Missouri Base Rate	Bloom Period	(COC)	Estimated Retail Price per PLS lb	Estimated Retail Cost per Acre	Functional Group
Canada Wildrye	<i>Elymus canadensis</i>	1.530				0.000	4.004	9.8%	15.3		5			Perennial Cool Season Grass
Little Bluestem	<i>Schizachyrium scoparium</i>	1.825				0.000	10.083	24.6%	7.3		5			Perennial Warm Season Grass
Sideoats Grama	<i>Bouteloua curtipendula</i>	1.870				0.000	6.834	16.7%	11.0		7			Perennial Warm Season Grass
Black-eyed Susan (B)	<i>Rudbeckia hirta</i>	0.075				0.000	2.713	6.6%		2	1			Biennial Forb
Blue Lobelia	<i>Lobelia siphilitica</i>	0.008				0.000	1.489	3.6%		3	4	\$556.26	\$4.45	Perennial Forb
Canada Milkvetch	<i>Astragalus canadensis</i>	0.036				0.000	0.224	0.5%		2	6			Perennial Forb, Legume
Common Evening Primrose (B)	<i>Oenothera biennis</i>	0.038				0.000	1.200	2.9%		2				Biennial Forb
False Sunflower	<i>Helopsis helianthoides</i>	0.050				0.000	0.125	0.3%	15.9	3	5			Perennial Forb
Foxglove Beardtongue	<i>Penstemon digitalis</i>	0.030				0.000	1.104	2.7%	4.4	1	3			Perennial Forb
Golden Alexanders	<i>Zizia aurea</i>	0.070				0.000	0.276	0.7%		1	5			Perennial Forb
Gray Goldenrod	<i>Solidago nemoralis</i>	0.040				0.000	0.926	2.3%		3	2			Perennial Forb
Gray-headed Coneflower	<i>Ratibida pinnata</i>	0.055				0.000	0.540	1.3%	4.1	3	4			Perennial Forb
Illinois Bundleflower	<i>Desmanthus illinoensis</i>	0.150				0.000	0.293	0.7%	14.5	2	3			Perennial Forb, Legume
Lanceleaf Coreopsis	<i>Coreopsis lanceolata</i>	0.100				0.000	0.507	1.2%		1	5			Perennial Forb
Maximilian Sunflower	<i>Helianthus maximiliani</i>	0.011				0.000	0.050	0.1%		3	5			Perennial Forb
Pale Purple Coneflower	<i>Echinacea pallida</i>	0.030				0.000	0.073	0.2%	16.5	2	7			Perennial Forb
Partridge Pea (A)	<i>Chamaecrista fasciculata</i>	0.100				0.000	0.149	0.4%	26.8	2	2			Annual Forb, Legume
Prairie Cinquefoil	<i>Drymocallis arguta</i>	0.039				0.000	3.943	9.6%		2	10			Perennial Forb
Purple Coneflower	<i>Echinacea purpurea</i>	0.150				0.000	0.398	1.0%		2	5			Perennial Forb
Purple Prairie Clover	<i>Dalea purpurea</i>	0.227				0.000	1.454	3.6%	5.8	2	8			Perennial Forb, Legume
Rattlesnake Master	<i>Eryngium yuccifolium</i>	0.020				0.000	0.082	0.2%		2	8			Perennial Forb
Roundhead Lespedeza	<i>Lespedeza capitata</i>	0.020				0.000	0.080	0.2%	10.0	3	6			Perennial Forb, Legume
Showy Ticktrefoil	<i>Desmodium canadense</i>	0.040				0.000	0.067	0.2%	24.1	2	4			Perennial Forb, Legume
Smooth Aster	<i>Symphotrichum laeve</i>	0.010				0.000	0.233	0.6%		3	7			Perennial Forb
Stiff Goldenrod	<i>Oligoneuron rigidum, Solidago rigida</i>	0.010				0.000	0.232	0.6%		3	5			Perennial Forb
Upright Prairie Coneflower	<i>Ratibida columnifera</i>	0.100				0.000	1.692	4.1%		2	N/A			Biennial Forb
White Prairie Clover	<i>Dalea candida</i>	0.020				0.000	0.128	0.3%		2	8			Perennial Forb, Legume
Wild Bergamot	<i>Monarda fistulosa</i>	0.070				0.000	2.045	5.0%	1.4	2	4			Perennial Forb
		6.724	0.00	0%	0%	0.000	40.92	100.0%					\$4.45	