Customize Options to Suit Site Conditions

○ Dry (Xeric) ○ Dry/Mesic ○ Mesic (Medium) ○ Wet/Mesic ○ Wet (Hydric)

○ Prairie ○ Savanna ○ Wetland ○ Woodland

USDA NRCS

United States Department of Agriculture
Natural Resources Conservation Service

CHOOSE A RATE SPECIFICATION:

○ lbs/acre PLS ◉ Seeds/ft2 PLS

Current Version 08/24

CHOOSE YOUR GRASSES

Common Name	Scientific Name Growth Form	Lbs / acre PLS Equivalent rate below	Seeds / ft2 PLS	Coefficient of Conservatism	# Seeds / ft^2 @ 1 lb. / ac	% of Mix	Functional Group
Big Bluestem	**Andropogon gerardii**		**4.000**	6	3.6731	10.00%	Perennial Warm Season Grass
	Bunch	**1.089**					
Indiangrass	**Sorghastrum nutans**		**3.000**	6	4.4077	7.50%	Perennial Warm Season Grass
	Bunch	**0.681**					
Switchgrass	**Panicum virgatum**		**2.000**	7	5.1423	5.00%	Perennial Warm Season Grass
	Rhizomatous	**0.389**					
Virginia Wildrye	**Elymus virginicus**		**1.000**	4	1.5427	2.50%	Perennial Cool Season Grass
	Bunch	**0.648**					
Little Bluestem	**Schizachyrium scoparium**		**1.000**	7	5.5096	2.50%	Perennial Warm Season Grass
	Bunch	**0.182**					
Sideoats Grama	**Bouteloua curtipendula**		**1.000**	7	2.2039	2.50%	Perennial Warm Season Grass
	Rhizomatous	**0.454**					
Rough Dropseed	**Sporobolus compositus**		**6.000**	4	11.0193	15.00%	Perennial Warm Season Grass
	Bunch	**0.545**					
Junegrass	**Koeleria macrantha**		**2.000**	8	73.4619	5.00%	Perennial Cool Season Grass
	Bunch	**0.027**					

	Species Richness	lbs / acre PLS	seeds / ft^2 PLS	Average CC
GRAMINOID TOTAL	8	4.014	20.000	6.1

CHOOSE YOUR FORBS/LEGUMES

Common Name	Scientific Name Flowering Period	Lbs / acre PLS Equivalent rate below	Seeds / ft2 PLS	Coefficient of Conservatism	# Seeds / ft^2 @ 1 lb. / ac	% of Mix	Functional Group
Black-eyed Susan	**Rudbeckia hirta**		**3.750**	3	33.792	9.38%	Biennial Forb
	Summer, Fall	**0.111**					
Gray-headed Coneflower	**Ratibida pinnata**		**1.000**	4	11.019	2.50%	Perennial Forb
	Summer, Fall	**0.091**					
Illinois Bundle Flower	**Desmanthus illinoensis**		**0.100**	5	1.5427	0.25%	Perennial Forb, Legume
	Summer	**0.065**					
Purple Prairie Clover	**Dalea purpurea**		**3.500**	7	6.6116	8.75%	Perennial Forb, Legume
	Summer, Fall	**0.529**					
Alumroot	**Heuchera richardsonii**		**2.000**	8	257.1166	5.00%	Perennial Forb
	Spring, Summer	**0.0078**					
Stiff Goldenrod	**Oligoneuron rigidum**		**0.250**	4	15.0597	0.63%	Perennial Forb
	Summer, Fall	**0.017**					
Hoary Vervain	**Verbena stricta**		**0.250**	2	10.2847	0.63%	Perennial Forb
	Summer, Fall	**0.024**					
Sweet Coneflower	**Rudbeckia subtomentosa**		**0.250**	6	15.7943	0.63%	Perennial Forb
	Summer, Fall	**0.016**					
Swamp Milkweed	**Asclepias incarnata**		**0.050**	4	1.7631	0.13%	Perennial Forb
	Summer	**0.028**					
Pale Purple Coneflower	**Echinacea pallida**		**0.100**	7	1.9100	0.25%	Perennial Forb
	Summer	**0.052**					
Wild Bergamot	**Monarda fistulosa**		**0.500**	3	25.7117	1.25%	Perennial Forb
	Summer, Fall	**0.019**					
Blue Giant Hyssop	**Agastache foeniculum**		**3.000**	10	33.0579	7.50%	Perennial Forb
	Summer	**0.091**					
Oxeye, False Sunflower	**Heliopsis helianthoides**		**0.250**	4	2.3140	0.63%	Perennial Forb
	Summer, Fall	**0.108**					
Large-flowered Beardtongue	**Penstemon grandiflorus**		**0.250**	7	5.1423	0.63%	Perennial Forb
	Spring, Summer	**0.049**					
Smooth Blue Aster	**Symphyotrichum laeve**		**0.500**	8	20.2020	1.25%	Perennial Forb
	Summer, Fall	**0.025**					
Canadian Milkvetch	**Astragalus canadensis**		**2.000**	5	6.2443	5.00%	Perennial Forb, Legume
	Summer	**0.320**					
Partridge Pea	**Chamaecrista fasciculata**		**0.250**	3	1.0	0.63%	Annual Forb, Legume
	Summer, Fall	**0.252**					
Culver's Root	**Veronicastrum virginicum**		**2.000**	6	293.8476	5.00%	Perennial Forb
	Summer	**0.0068**					

	Species Richness	lbs / acre PLS	seeds / ft^2 PLS	Average CC
FORBS/LEGUMES TOTAL	18	1.812	20.000	5.3

CHOOSE YOUR VINE OR WOODY PLANT SPECIES

Common Name	Scientific Name Flowering Period	Lbs / acre PLS Equivalent rate below	Seeds / ft2 PLS	Coefficient of Conservatism	# Seeds / ft^2 @ 1 oz. / ac	% of Mix	Functional Group

	Species Richness	Lbs / acre PLS	seeds / ft^2 PLS	Average CC
VINE & WOODY PLANT TOTAL	0	0.000	0.000	0.0

	lbs / acre PLS	seeds / ft^2 PLS	Average CC	Species Richness	Floristic Quality Index
GRAND TOTAL	5.826	40.000	5.6	26	28.4