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**		**8.000**	6	3.6731	20.00%	Perennial Warm Season Grass
	Bunch	**2.178**					
Indiangrass	**Sorghastrum nutans**		**4.000**	6	4.4077	10.00%	Perennial Warm Season Grass
	Bunch	**0.908**					
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**					
Switchgrass	**Panicum virgatum**		**2.000**	7	5.1423	5.00%	Perennial Warm Season Grass
	Rhizomatous	**0.389**					
Rough Dropseed	**Sporobolus compositus**		**8.000**	4	11.0193	20.00%	Perennial Warm Season Grass
	Bunch	**0.726**					
Virginia Wildrye	**Elymus virginicus**		**2.000**	4	1.5427	5.00%	Perennial Cool Season Grass
	Bunch	**1.296**					
Fox Sedge	**Carex vulpinoidea**		**3.000**	3	36.7309	7.50%	Perennial Cool Season Sedge
	Bunch	**0.082**					
Troublesome Sedge	**Carex molesta**		**1.000**	3	9.1827	2.50%	Perennial Cool Season Sedge
	Bunch	**0.109**					

	Species Richness	lbs / acre PLS	seeds / ft^2 PLS	Average CC
GRAMINOID TOTAL	9	6.323	30.000	5.2

CHOOSE YOUR FORBS/LEGUMES

Common Name	Scientific Name Flowering Period	Lbs / acre PLS	Seeds / ft2 PLS Equivalent rate below	Coefficient of Conservatism	# Seeds / ft^2 @ 1 lb. / ac	% of Mix	Functional Group
Black-eyed Susan	**Rudbeckia hirta**		**1.750**	3	33.792	4.38%	Biennial Forb
	Summer, Fall	**0.052**					
Wild Bergamot	**Monarda fistulosa**		**0.500**	3	25.712	1.25%	Perennial Forb
	Summer, Fall	**0.019**					
Purple Prairie Clover	**Dalea purpurea**		**3.000**	7	6.6116	7.50%	Perennial Forb, Legume
	Summer, Fall	**0.454**					
Gray-headed Coneflower	**Ratibida pinnata**		**1.000**	4	11.0193	2.50%	Perennial Forb
	Summer, Fall	**0.091**					
Partridge Pea	**Chamaecrista fasciculata**		**0.250**	3	1.0	0.63%	Annual Forb, Legume
	Summer, Fall	**0.252**					
Illinois Bundle flower	**Desmanthus illinoensis**		**0.100**	5	1.5427	0.25%	Perennial Forb, Legume
	Summer	**0.065**					
Large-flowered Beardtongue	**Penstemon grandiflorus**		**0.200**	7	5.1423	0.50%	Perennial Forb
	Spring, Summer	**0.039**					
Foxglove Beardtongue	**Penstemon digitalis**		**0.500**	5	47.7502	1.25%	Perennial Forb
	Spring, Summer	**0.010**					
Oxeye, False Sunflower	**Heliopsis helianthoides**		**0.150**	4	2.3140	0.38%	Perennial Forb
	Summer, Fall	**0.065**					
Stiff Goldenrod	**Oligoneuron rigidum**		**0.150**	4	15.0597	0.38%	Perennial Forb
	Summer, Fall	**0.0100**					
Blue Giant Hyssop	**Agastache foeniculum**		**1.000**	10	33.0579	2.50%	Perennial Forb
	Summer	**0.030**					
Pale Purple Coneflower	**Echinacea pallida**		**0.150**	7	1.9100	0.38%	Perennial Forb
	Summer	**0.079**					
Hoary Vervain	**Verbena stricta**		**0.250**	2	10.2847	0.63%	Perennial Forb
	Summer, Fall	**0.024**					
Canadian Milkvetch	**Astragalus canadensis**		**0.500**	5	6.2443	1.25%	Perennial Forb, Legume
	Summer	**0.080**					
Sweet Coneflower	**Rudbeckia subtomentosa**		**0.250**	6	15.7943	0.63%	Perennial Forb
	Summer, Fall	**0.016**					
White Prairie Clover	**Dalea candida**		**0.250**	9	6.9789	0.63%	Perennial Forb, Legume
	Summer, Fall	**0.036**					

	Species Richness	lbs / acre PLS	seeds / ft^2 PLS	Average CC
FORBS/LEGUMES TOTAL	16	1.322	10.000	5.3

CHOOSE YOUR VINE OR WOODY PLANT SPECIES

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

	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	7.644	40.000	5.2	25	26.2