Customize Options to Suit Site Conditions

Xeric (dry) Mesic (medium) Hydric (wet)

Prairie Savanna Wetland Woodland

CHOOSE A RATE SPECIFICATION:

lbs/acre PLS Seeds/ft2 PLS

United States Department of Agriculture
Natural Resources Conservation Service

Current Version 04/17/20

CHOOSE YOUR GRASSES

Common Name	Scientific Name Growth Form	Lbs / acre PLS	Seeds / ft2 PLS Equivalent rate below	Coefficient of Conservatism	# Seeds / ft^2 @ 1 lb. / ac	Pure Stand PLS Rate lbs / ac	% of Mix	Functional Group
Big Bluestem	**Andropogon gerardii**	**2.150**		4	3.7	9.5	19.66%	Perennial Warm Season Grass
	Bunch		**7.897**					
Indiangrass	**Sorghastrum nutans**	**1.450**		4	4.4	7.9	15.91%	Perennial Warm Season Grass
	Bunch		**6.391**					
Switchgrass	**Panicum virgatum**	**0.770**		5	5.1	4.0	9.86%	Perennial Warm Season Grass
	Rhizomatous		**3.960**					
Little Bluestem	**Schizachyrium scoparium**	**0.500**		5	5.5	6.4	6.86%	Perennial Warm Season Grass
	Bunch		**2.755**					
Sideoats Grama	**Bouteloua curtipendula**	**0.500**		6	2.2	15.9	2.74%	Perennial Warm Season Grass
	Rhizomatous		**1.102**					
Composite Dropseed	**Sporobolus compositus**	**0.140**		3	11.0	3.2	3.84%	Perennial Warm Season Grass
	Bunch		**1.543**					
Sand Dropseed	**Sporobolus cryptandrus**	**0.050**		3	128.6	0.3	16.00%	Perennial Warm Season Grass
	Bunch		**6.428**					

	Species Richness	lbs / acre PLS	seeds / ft^2 PLS	Average CC
GRAMINOID TOTAL	7	5.560	30.075	4.3

CHOOSE YOUR FORBS/LEGUMES

Common Name	Scientific Name Flowering Period	Lbs / acre PLS Equivalent rate below	Seeds / ft2 PLS Equivalent rate below	Coefficient of Conservatism	# Seeds / ft^2 @ 1 lb. / ac	Pure Stand PLS Rate lbs / ac	% of Mix	Functional Group
Black-eyed Susan	**Rudbeckia hirta**	**0.055**		2	33.792	1.0	4.63%	Biennial Forb
	Summer, Fall		**1.859**					
Wild Bergamot	**Monarda fistulosa**	**0.070**		2	26	1	4.48%	Perennial Forb
	Summer, Fall		**1.800**					
Purple Prairie Clover	**Dalea purpurea**	**0.300**		8	7	5	4.94%	Perennial Forb, Legume
	Summer, Fall		**1.983**					
Gray-headed Coneflower	**Ratibida pinnata**	**0.050**		4	11	3	1.37%	Perennial Forb
	Summer, Fall		**0.551**					
Partridge Pea	**Chamaecrista fasciculata**	**0.140**		1	1.0	35	0.35%	Annual Forb, Legume
	Summer, Fall		**0.139**					
Prairie Mimosa	**Desmanthus illinoensis**	**0.200**		4	2	23	0.77%	Perennial Forb, Legume
	Summer		**0.309**					
Large-flowered Beardtongue	**Penstemon grandiflorus**	**0.100**		5	5	7	1.28%	Perennial Forb
	Spring, Summer		**0.514**					
Culver's Root	**Veronicastrum virginicum**	**0.010**		5	294	0.1	7.32%	Perennial Forb
	Summer		**2.938**					

	Species Richness	lbs / acre PLS	seeds / ft^2 PLS	Average CC
FORBS/LEGUMES TOTAL	8	0.925	10.093	3.9

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	Pure Stand PLS Rate lbs / 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	6.485	40.168	4.1	15	15.8