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

USDA NRCS

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**	**1.500**		4	3.7	9.5	13.75%	Perennial Warm Season Grass
	Bunch		**5.510**					
Indiangrass	**Sorghastrum nutans**	**1.620**		4	4.4	7.9	17.82%	Perennial Warm Season Grass
	Bunch		**7.140**					
Sideoats Grama	**Bouteloua curtipendula**	**0.750**		6	2.2	15.9	4.12%	Perennial Warm Season Grass
	Rhizomatous		**1.653**					
Switchgrass	**Panicum virgatum**	**0.750**		5	5.1	4.0	9.62%	Perennial Warm Season Grass
	Rhizomatous		**3.857**					
Virginia Wildrye	**Elymus virginicus**	**0.400**		3	1.5	22.7	1.54%	Perennial Cool Season Grass
	Bunch		**0.617**					
Little Bluestem	**Schizachyrium scoparium**	**0.500**		5	5.5	6.4	6.87%	Perennial Warm Season Grass
	Bunch		**2.755**					
Composite Dropseed	**Sporobolus compositus**	**0.720**		3	11.0	3.2	19.80%	Perennial Warm Season Grass
	Bunch		**7.934**					
Fox Sedge	**Carex vulpinoidea**	**0.010**		3	36.7	1.0	0.92%	Perennial Cool Season Sedge
	Bunch		**0.367**					
Shortbeak Sedge	**Carex brevior**	**0.020**		4	10.7	1.1	0.53%	Perennial Cool Season Sedge
	Bunch		**0.213**					

	Species Richness	lbs / acre PLS	seeds / ft^2 PLS	Average CC
GRAMINOID TOTAL	9	6.270	30.046	4.1

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	4.64%	Biennial Forb
	Summer, Fall		**1.859**					
Partridge Pea	**Chamaecrista fasciculata**	**0.050**		1	1.0	35	0.12%	Annual Forb, Legume
	Summer, Fall		**0.050**					
Gray-headed Coneflower	**Ratibida pinnata**	**0.080**		4	11	3	2.20%	Perennial Forb
	Summer, Fall		**0.882**					
Wild Bergamot	**Monarda fistulosa**	**0.030**		2	26	1	1.92%	Perennial Forb
	Summer, Fall		**0.771**					
Prairie Cinquefoil	**Potentilla arguta**	**0.010**		8	84	0.4	2.11%	Perennial Forb
	Summer, Fall		**0.845**					
Culver's Root	**Veronicastrum virginicum**	**0.0020**		5	294	0.1	1.47%	Perennial Forb
	Summer		**0.588**					
Stiff Goldenrod	**Oligoneuron rigidum**	**0.010**		4	15	2	0.38%	Perennial Forb
	Summer, Fall		**0.151**					
Golden Alexander's	**Zizia aurea**	**0.050**		6	4	9	0.50%	Perennial Forb
	Spring, Summer		**0.202**					
Ox-eye	**Heliopsis helianthoides**	**0.050**		4	2	15	0.29%	Perennial Forb
	Summer, Fall		**0.116**					
Purple Prairie Clover	**Dalea purpurea**	**0.270**		8	7	5	4.45%	Perennial Forb, Legume
	Summer, Fall		**1.785**					
Common Milkweed	**Asclepias syriaca**	**0.010**		0	2	22	0.04%	Perennial Forb
	Summer		**0.016**					
Pale Coneflower	**Echinacea pallida**	**0.050**		7	2	18	0.24%	Perennial Forb
	Summer		**0.096**					
Smooth Blue Aster	**Symphyotrichum laeve**	**0.030**		7	20	2	1.51%	Perennial Forb
	Summer, Fall		**0.606**					
Showy Goldenrod	**Solidago speciosa**	**0.0060**		7	35	1	0.52%	Perennial Forb
	Summer, Fall		**0.209**					
Canadian Milkvetch	**Astragalus canadensis**	**0.100**		4	6	6	1.56%	Perennial Forb, Legume
	Summer		**0.624**					
White Wild Indigo	**Baptisia alba**	**0.0050**		6	0.6	56	0.01%	Perennial Forb, Legume
	Summer		**0.0031**					
Ironweed	**Vernonia fasciculata**	**0.010**		1	9	4	0.22%	Perennial Forb
	Summer, Fall		**0.088**					
Swamp Milkweed	**Asclepias incarnata**	**0.010**		4	2	20	0.04%	Perennial Forb
	Summer		**0.018**					
Pale Gentian, Yellow Gentian	**Gentiana alba**	**0.010**		4	51	0.7	1.28%	Perennial Forb
	Summer, Fall		**0.514**					
Pale Indian Plaintain	**Arnoglossum atriplicifolium**	**0.010**		5	2	16	0.05%	Perennial Forb
	Summer, Fall		**0.022**					
Large-flowered beardtongue	**Penstemon grandiflorus**	**0.050**		5	5	7	0.64%	Perennial Forb
	Spring, Summer		**0.257**					
Rattle Box	**Crotalaria sagittalis**	**0.010**		6	2	21	0.04%	Annual Forb, Legume
	Summer, Fall		**0.017**					
Rattlesnake Master	**Eryngium yuccifolium**	**0.050**		8	3	13	0.34%	Perennial Forb
	Summer, Fall		**0.138**					
Common Spiderwort	**Tradescantia ohiensis**	**0.010**		4	3	12	0.07%	Perennial Forb
	Spring, Summer		**0.029**					
Round-headed Bush Clover	**Lespedeza capitata**	**0.050**		3	3	12	0.37%	Perennial Forb, Legume
	Summer, Fall		**0.147**					

	Species Richness	lbs / acre PLS	seeds / ft^2 PLS	Average CC
FORBS/LEGUMES TOTAL	25	1.018	10.031	4.6

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	Pure Stand PLS Rate lbs / 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	7.288	40.077	4.5	34	26.1