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 09/09/22

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**		**2.000**	6	4.4077	5.00%	Perennial Warm Season Grass
	Bunch	**0.454**					
Sideoats Grama	**Bouteloua curtipendula**		**1.500**	7	2.2039	3.75%	Perennial Warm Season Grass
	Rhizomatous	**0.681**					
Switchgrass	**Panicum virgatum**		**3.000**	7	5.1423	7.50%	Perennial Warm Season Grass
	Rhizomatous	**0.583**					
Virginia Wildrye	**Elymus virginicus**		**1.000**	4	1.5427	2.50%	Perennial Cool Season Grass
	Bunch	**0.648**					
Little Bluestem	**Schizachyrium scoparium**		**2.000**	7	5.5096	5.00%	Perennial Warm Season Grass
	Bunch	**0.363**					
Rough Dropseed	**Sporobolus compositus**		**8.000**	4	11.0193	20.00%	Perennial Warm Season Grass
	Bunch	**0.726**					
Fox Sedge	**Carex vulpinoidea**		**8.000**	3	36.7309	20.00%	Perennial Cool Season Sedge
	Bunch	**0.218**					
Prairie Oval Sedge	**Carex brevior**		**0.500**	4	10.6520	1.25%	Perennial Cool Season Sedge
	Bunch	**0.047**					

	Species Richness	lbs / acre PLS	seeds / ft^2 PLS	Average CC
GRAMINOID TOTAL	9	4.809	30.000	5.3

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	% of Mix	Functional Group
Black-eyed Susan	**Rudbeckia hirta**		**2.000**	3	33.792	5.00%	Biennial Forb
	Summer, Fall	**0.059**					
Sweet Coneflower	**Rudbeckia subtomentosa**		**0.100**	6	15.794	0.25%	Perennial Forb
	Summer, Fall	**0.0063**					
Gray-headed Coneflower	**Ratibida pinnata**		**0.500**	4	11.0193	1.25%	Perennial Forb
	Summer, Fall	**0.045**					
Wild Bergamot	**Monarda fistulosa**		**0.200**	3	25.7117	0.50%	Perennial Forb
	Summer, Fall	**0.0078**					
Prairie Cinquefoil	**Potentilla arguta**		**1.500**	9	84.4812	3.75%	Perennial Forb
	Summer, Fall	**0.018**					
Culver's Root	**Veronicastrum virginicum**		**1.130**	6	293.8476	2.83%	Perennial Forb
	Summer	**0.0038**					
Stiff Goldenrod	**Oligoneuron rigidum**		**0.500**	4	15.0597	1.25%	Perennial Forb
	Summer, Fall	**0.033**					
Golden Alexander's	**Zizia aurea**		**0.250**	7	4.0404	0.63%	Perennial Forb
	Spring, Summer	**0.062**					
Oxeye, False Sunflower	**Heliopsis helianthoides**		**0.250**	4	2.3140	0.63%	Perennial Forb
	Summer, Fall	**0.108**					
Purple Prairie Clover	**Dalea purpurea**		**1.000**	7	6.6116	2.50%	Perennial Forb, Legume
	Summer, Fall	**0.151**					
Common Milkweed	**Asclepias syriaca**		**0.050**	1	1.5743	0.13%	Perennial Forb
	Summer	**0.032**					
Pale Purple Coneflower	**Echinacea pallida**		**0.100**	7	1.9100	0.25%	Perennial Forb
	Summer	**0.052**					
Blue Sky Aster	**Symphyotrichum oolentangiense**		**0.500**	8	29.3848	1.25%	Perennial Forb
	Summer, Fall	**0.017**					
Showy Goldenrod	**Solidago speciosa**		**0.250**	7	34.8944	0.63%	Perennial Forb
	Summer, Fall	**0.0072**					
Canadian Milkvetch	**Astragalus canadensis**		**1.000**	5	6.2443	2.50%	Perennial Forb, Legume
	Summer	**0.160**					
Illinois Ticktrefoil	**Desmodium illinoense**		**0.050**	6	1.5794	0.13%	Perennial Forb, Legume
	Summer	**0.032**					
Ironweed	**Vernonia fasciculata**		**0.100**	4	8.8154	0.25%	Perennial Forb
	Summer, Fall	**0.011**					
Swamp Milkweed	**Asclepias incarnata**		**0.050**	4	1.7631	0.13%	Perennial Forb
	Summer	**0.028**					
Cream Gentian	**Gentiana alba**		**0.100**	5	51.4233	0.25%	Perennial Forb
	Summer, Fall	**0.0019**					
Large-flowered beardtongue	**Penstemon grandiflorus**		**0.250**	7	5.1423	0.63%	Perennial Forb
	Spring, Summer	**0.049**					
Prairie Sunflower	**Helianthus pauciflorus**		**0.010**	8	1.9515	0.03%	Perennial Forb
	Summer, Fall	**0.0051**					
Rattlesnake Master	**Eryngium yuccifolium**		**0.050**	7	2.7548	0.13%	Perennial Forb
	Summer, Fall	**0.018**					
Obedient Plant	**Physostegia virginiana**		**0.010**	6	8.0808	0.03%	Perennial Forb
	Summer, Fall	**0.0012**					
Round-headed Bush Clover	**Lespedeza capitata**		**0.050**	4	2.9385	0.13%	Perennial Forb, Legume
	Summer, Fall	**0.017**					