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**		**2.500**	6	3.6731	6.25%	Perennial Warm Season Grass
	Bunch	**0.681**					
Indiangrass	**Sorghastrum nutans**		**1.000**	6	4.4077	2.50%	Perennial Warm Season Grass
	Bunch	**0.227**					
Switchgrass	**Panicum virgatum**		**0.500**	7	5.1423	1.25%	Perennial Warm Season Grass
	Rhizomatous	**0.097**					
Virginia Wildrye	**Elymus virginicus**		**0.500**	4	1.5427	1.25%	Perennial Cool Season Grass
	Bunch	**0.324**					
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**		**8.000**	4	11.0193	20.00%	Perennial Warm Season Grass
	Bunch	**0.726**					
Fox Sedge	**Carex vulpinoidea**		**5.500**	3	36.7309	13.75%	Perennial Cool Season Sedge
	Bunch	**0.150**					

	Species Richness	lbs / acre PLS	seeds / ft^2 PLS	Average CC
GRAMINOID TOTAL	8	2.840	20.000	5.5

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**		**3.900**	3	33.792	9.75%	Biennial Forb
	Summer, Fall	**0.115**					
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**		**2.250**	7	6.6116	5.63%	Perennial Forb, Legume
	Summer, Fall	**0.340**					
Illinois Ticktrefoil	**Desmodium illinoense**		**0.100**	6	1.5794	0.25%	Perennial Forb, Legume
	Summer	**0.063**					
Round-headed Bush Clover	**Lespedeza capitata**		**0.100**	4	2.9385	0.25%	Perennial Forb, Legume
	Summer, Fall	**0.034**					
Stiff Goldenrod	**Oligoneuron rigidum**		**0.200**	4	15.0597	0.50%	Perennial Forb
	Summer, Fall	**0.013**					
Sneezeweed	**Helenium autumnale**		**2.000**	5	47.7502	5.00%	Perennial Forb
	Summer, Fall	**0.042**					
Hoary Vervain	**Verbena stricta**		**0.500**	2	10.2847	1.25%	Perennial Forb
	Summer, Fall	**0.049**					
Sweet Coneflower	**Rudbeckia subtomentosa**		**0.500**	6	15.7943	1.25%	Perennial Forb
	Summer, Fall	**0.032**					
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**					
Common Milkweed	**Asclepias syriaca**		**0.100**	1	1.5743	0.25%	Perennial Forb
	Summer	**0.064**					
White Prairie Clover	**Dalea candida**		**1.000**	9	6.9789	2.50%	Perennial Forb, Legume
	Summer, Fall	**0.143**					
Wild Bergamot	**Monarda fistulosa**		**1.000**	3	25.7117	2.50%	Perennial Forb
	Summer, Fall	**0.039**					
Foxglove Beardtongue	**Penstemon digitalis**		**2.000**	5	47.7502	5.00%	Perennial Forb
	Summer	**0.042**					
Oxeye, False Sunflower	**Heliopsis helianthoides**		**0.500**	4	2.3140	1.25%	Perennial Forb
	Summer, Fall	**0.216**					
Large-flowered Beardtongue	**Penstemon grandiflorus**		**0.500**	7	5.1423	1.25%	Perennial Forb
	Spring, Summer	**0.097**					
Blue Sky Aster	**Symphyotrichum oolentangiense**		**1.000**	8	29.3848	2.50%	Perennial Forb
	Summer, Fall	**0.034**					
Golden Alexander's	**Zizia aurea**		**0.500**	7	4.0404	1.25%	Perennial Forb
	Spring, Summer	**0.124**					
Ironweed	**Vernonia fasciculata**		**0.500**	4	8.8154	1.25%	Perennial Forb
	Summer, Fall	**0.057**					
Canadian Milkvetch	**Astragalus canadensis**		**2.000**	5	6.2443	5.00%	Perennial Forb, Legume
	Summer	**0.320**					
Partridge Pea	**Chamaecrista fasciculata**		**0.100**	3	1.0	0.25%	Annual Forb, Legume
	Summer, Fall	**0.101**					