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
Little Bluestem	**Schizachyrium scoparium**		**3.000**	7	5.5096	7.50%	Perennial Warm Season Grass
	Bunch	**0.545**					
Sideoats Grama	**Bouteloua curtipendula**		**3.000**	7	2.2039	7.50%	Perennial Warm Season Grass
	Rhizomatous	**1.361**					
Blue Grama	**Bouteloua gracilis**		**4.000**	8	14.6924	10.00%	Perennial Warm Season Grass
	Bunch	**0.272**					
Arctic Brome	**Bromus kalmii**		**0.100**	10	2.9385	0.25%	Perennial Cool Season Grass
	Bunch	**0.034**					
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**					
Junegrass	**Koeleria macrantha**		**3.900**	8	73.4619	9.75%	Perennial Cool Season Grass
	Bunch	**0.053**					

	Species Richness	lbs / acre PLS	seeds / ft^2 PLS	Average CC
GRAMINOID TOTAL	7	3.209	30.000	6.7

CHOOSE YOUR FORBS/LEGUMES

Common Name	Scientific Name Flowering Period	Lbs / acre PLS	Seeds / ft2 PLS	Coefficient of Conservatism	# Seeds / ft^2 @ 1 lb. / ac	% of Mix	Functional Group
		Equivalent rate below					
Black-eyed Susan	**Rudbeckia hirta**		**1.750**	3	33.792	4.38%	Biennial Forb
	Summer, Fall	**0.052**					
Gray-headed Coneflower	**Ratibida pinnata**		**0.500**	4	11.019	1.25%	Perennial Forb
	Summer, Fall	**0.045**					
Wild Bergamot	**Monarda fistulosa**		**0.100**	3	25.7117	0.25%	Perennial Forb
	Summer, Fall	**0.0039**					
Hoary Vervain	**Verbena stricta**		**0.100**	2	10.2847	0.25%	Perennial Forb
	Summer, Fall	**0.0097**					
Illinois Bundle Flower	**Desmanthus illinoensis**		**0.250**	5	1.5427	0.63%	Perennial Forb, Legume
	Summer	**0.162**					
Old Field Goldenrod	**Solidago nemoralis**		**1.500**	5	110.1928	3.75%	Perennial Forb
	Summer, Fall	**0.014**					
Purple Prairie Clover	**Dalea purpurea**		**2.000**	7	6.6116	5.00%	Perennial Forb, Legume
	Summer, Fall	**0.303**					
Illinois Ticktrefoil	**Desmodium illinoense**		**0.050**	6	1.5794	0.13%	Perennial Forb, Legume
	Summer	**0.032**					
White Prairie Clover	**Dalea candida**		**0.500**	9	6.9789	1.25%	Perennial Forb, Legume
	Summer, Fall	**0.072**					
Large-flowered Beardtongue	**Penstemon grandiflorus**		**0.200**	7	5.1423	0.50%	Perennial Forb
	Spring, Summer	**0.039**					
Butterfly Weed	**Asclepias tuberosa**		**0.020**	7	1.5794	0.05%	Perennial Forb
	Summer	**0.013**					
Purple Coneflower	**Echinacea purpurea**		**0.100**	8	2.4242	0.25%	Perennial Forb
	Summer, Fall	**0.041**					
Canadian Milkvetch	**Astragalus canadensis**		**1.000**	5	6.2443	2.50%	Perennial Forb, Legume
	Summer	**0.160**					
Prairie Sunflower	**Helianthus pauciflorus**		**0.010**	8	1.9515	0.03%	Perennial Forb
	Summer, Fall	**0.0051**					
White Sage	**Artemisia ludoviciana**		**0.670**	4	91.8274	1.68%	Perennial Forb
	Summer, Fall	**0.0073**					
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**					
Cream Gentian	**Gentiana alba**		**0.400**	5	51.4233	1.00%	Perennial Forb
	Summer, Fall	**0.0078**					
Upland White Aster	**Oligoneuron album**		**0.050**	9	23.5078	0.13%	Perennial Forb
	Summer, Fall	**0.0021**					
Common Milkweed	**Asclepias syriaca**		**0.050**	1	1.5743	0.13%	Perennial Forb
	Summer	**0.032**					
Partridge Pea	**Chamaecrista fasciculata**		**0.250**	3	1.0	0.63%	Annual Forb, Legume
	Summer, Fall	**0.252**					

	Species Richness	lbs / acre PLS	seeds / ft^2 PLS	Average CC
FORBS/LEGUMES TOTAL	21	1.421	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	4.630	40.000	5.7	28	30.0