Customize Options to Suit Site Conditions

( ) Dry (Xeric) ( ) Dry/Mesic ( ) Mesic (Medium) ( ) Wet/Mesic ( ) Wet (Hydric)

( ) 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 08/24

CHOOSE YOUR GRASSES

Common Name	Scientific Name Growth Form	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
Big Bluestem	**Andropogon gerardii**		**5.000**	6	3.6731	12.50%	Perennial Warm Season Grass
	Bunch	**1.361**					
Indiangrass	**Sorghastrum nutans**		**4.000**	6	4.4077	10.00%	Perennial Warm Season Grass
	Bunch	**0.908**					
Switchgrass	**Panicum virgatum**		**4.000**	7	5.1423	10.00%	Perennial Warm Season Grass
	Rhizomatous	**0.778**					
Rough Dropseed	**Sporobolus compositus**		**6.000**	4	11.0193	15.00%	Perennial Warm Season Grass
	Bunch	**0.545**					
Arctic Brome	**Bromus kalmii**		**0.100**	10	2.9385	0.25%	Perennial Cool Season Grass
	Bunch	**0.034**					
Junegrass	**Koeleria macrantha**		**0.900**	8	73.4619	2.25%	Perennial Cool Season Grass
	Bunch	**0.012**					

	Species Richness	lbs / acre PLS	seeds / ft^2 PLS	Average CC
GRAMINOID TOTAL	6	3.637	20.000	6.8

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		3.000	3	33.792	7.50%	Biennial Forb
	Summer, Fall	0.089					
Partridge Pea	Chamaecrista fasciculata		0.700	3	1.0	1.75%	Annual Forb, Legume
	Summer, Fall	0.706					
White Prairie Clover	Dalea candida		3.000	9	6.9789	7.50%	Perennial Forb, Legume
	Summer, Fall	0.430					
Showy Ticktrefoil	Desmodium canadense		0.100	6	2.0202	0.25%	Perennial Forb, Legume
	Summer	0.050					
Round-headed Bush Clover	Lespedeza capitata		0.100	4	2.9385	0.25%	Perennial Forb, Legume
	Summer, Fall	0.034					
Purple Prairie Clover	Dalea purpurea		3.000	7	6.6116	7.50%	Perennial Forb, Legume
	Summer, Fall	0.454					
Canadian Milkvetch	Astragalus canadensis		2.500	5	6.2443	6.25%	Perennial Forb, Legume
	Summer	0.400					
Foxglove Beardtongue	Penstemon digitalis		1.500	5	47.7502	3.75%	Perennial Forb
	Spring, Summer	0.031					
Gray-headed Coneflower	Ratibida pinnata		1.000	4	11.0193	2.50%	Perennial Forb
	Summer, Fall	0.091					
Large-flowered Beardtongue	Penstemon grandiflorus		0.500	7	5.1423	1.25%	Perennial Forb
	Spring, Summer	0.097					
Old Field Goldenrod	Solidago nemoralis		1.500	5	110.1928	3.75%	Perennial Forb
	Summer, Fall	0.014					
Cream Gentian	Gentiana alba		0.500	5	51.4233	1.25%	Perennial Forb
	Summer, Fall	0.0097					
Prairie Cinquefoil	Potentilla arguta		2.000	9	84.4812	5.00%	Perennial Forb
	Summer, Fall	0.024					
Illinois Ticktrefoil	Desmodium illinoense		0.100	6	1.5794	0.25%	Perennial Forb, Legume
	Summer	0.063					
Illinois Bundle Flower	Desmanthus illinoensis		0.500	5	1.5427	1.25%	Perennial Forb, Legume
	Summer	0.324					

	Species Richness	lbs / acre PLS	seeds / ft^2 PLS	Average CC
FORBS/LEGUMES TOTAL	15	2.816	20.000	5.5

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	6.453	40.000	5.9	21	27.1