

Customize Options to Suit Site Conditions

Xeric (dry)
 Mesic (medium)
 Hydric (wet)

Prairie
 Savanna
 Wetland
 Woodland



United States Department of Agriculture
Natural Resources Conservation Service

CHOOSE A RATE SPECIFICATION:

lbs/acre PLS
 Seeds/ft2 PLS

Current Version 09/09/22

CHOOSE YOUR GRASSES

Common Name	Scientific Name	Lbs / acre PLS	Seeds / ft2 PLS	Coefficient of Conservatism	# Seeds / ft ² @ 1 lb. / ac	% of Mix	Functional Group
	Growth Form	Equivalent rate below					
Little Bluestem	Schizachyrium scoparium		4.000	7	5.5096	10.00%	Perennial Warm Season Grass
	Bunch	0.726					
Sideoats Grama	Bouteloua curtipendula		0.500	7	2.2039	1.25%	Perennial Warm Season Grass
	Rhizomatous	0.227					
Blue Grama	Bouteloua gracilis		0.850	8	14.6924	2.13%	Perennial Warm Season Grass
	Bunch	0.058					
Arctic Brome	Bromus kalmii		0.050	10	2.9385	0.13%	Perennial Cool Season Grass
	Bunch	0.017					
Sand Dropseed	Sporobolus cryptandrus		0.500	7	128.5601	1.25%	Perennial Warm Season Grass
	Bunch	0.0039					
Rough Dropseed	Sporobolus compositus		4.000	4	11.0193	10.00%	Perennial Warm Season Grass
	Bunch	0.363					
Prairie Oval Sedge	Carex breviar		0.100	4	10.6520	0.25%	Perennial Cool Season Sedge
	Bunch	0.0094					

GRAMINOID TOTAL	Species Richness	lbs / acre PLS	seeds / ft ² PLS	Average CC
	7	1.404	10.000	6.7

CHOOSE YOUR FORBS/LEGUMES

Common Name	Scientific Name <small>Flowering Period</small>	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 <small>Summer, Fall</small>	0.110	3.730	3	33.792	9.33%	Biennial Forb
Partridge Pea	Chamaecrista fasciculata <small>Summer, Fall</small>	0.101	0.100	3	1.0	0.25%	Annual Forb, Legume
Illinois Bundle Flower	Desmanthus illinoensis <small>Summer</small>	0.065	0.100	5	1.5427	0.25%	Perennial Forb, Legume
Gray-headed Coneflower	Ratibida pinnata <small>Summer, Fall</small>	0.068	0.750	4	11.0193	1.88%	Perennial Forb
Upland White Aster	Oligoneuron album <small>Summer, Fall</small>	0.0043	0.100	9	23.5078	0.25%	Perennial Forb
Hairy Aster	Symphotrichum pilosum <small>Fall</small>	0.039	2.000	1	51.4233	5.00%	Perennial Forb
Silky Aster	Symphotrichum sericeum <small>Fall</small>	0.00097	0.020	10	20.5693	0.05%	Perennial Forb
Large-flowered Beardtongue	Penstemon grandiflorus <small>Spring, Summer</small>	0.097	0.500	7	5.1423	1.25%	Perennial Forb
White Sage	Artemisia ludoviciana <small>Summer, Fall</small>	0.022	2.000	4	91.8274	5.00%	Perennial Forb
False Boneset	Brickellia eupatorioides <small>Summer, Fall</small>	0.0043	0.050	4	11.7539	0.13%	Perennial Forb
Prairie Sunflower	Helianthus pauciflorus <small>Summer, Fall</small>	0.0051	0.010	8	1.9515	0.03%	Perennial Forb
White Prairie Clover	Dalea candida <small>Summer, Fall</small>	0.559	3.900	9	6.9789	9.75%	Perennial Forb, Legume
Butterfly Weed	Asclepias tuberosa <small>Summer</small>	0.0063	0.010	7	1.5794	0.03%	Perennial Forb
Rough Blazing Star	Liatris aspera <small>Summer, Fall</small>	0.0017	0.010	8	5.8770	0.03%	Perennial Forb
Rattle Box	Crotalaria sagittalis <small>Summer, Fall</small>	0.182	0.300	4	1.6529	0.75%	Annual Forb, Legume
Wild Prairie Onion	Allium stellatum <small>Summer</small>	0.0074	0.030	9	4.0404	0.08%	Perennial Forb
Canadian Milkvetch	Astragalus canadensis <small>Summer</small>	0.416	2.600	5	6.2443	6.50%	Perennial Forb, Legume
Common Milkweed	Asclepias syriaca <small>Summer</small>	0.032	0.050	1	1.5743	0.13%	Perennial Forb
Common Evening Primrose	Oenothera biennis <small>Summer, Fall</small>	0.056	1.850	2	33.0579	4.63%	Biennial Forb
Hoary Vervain	Verbena stricta <small>Summer, Fall</small>	0.097	1.000	2	10.2847	2.50%	Perennial Forb
Slender Mountain Mint	Pycnanthemum tenuifolium <small>Summer, Fall</small>	0.0036	0.500	5	138.8430	1.25%	Perennial Forb
Oxeye, False Sunflower	Heliopsis helianthoides <small>Summer, Fall</small>	0.086	0.200	4	2.3140	0.50%	Perennial Forb
Purple Coneflower	Echinacea purpurea <small>Summer, Fall</small>	0.083	0.200	8	2.4242	0.50%	Perennial Forb
Purple Prairie Clover	Dalea purpurea <small>Summer, Fall</small>	0.590	3.900	7	6.6116	9.75%	Perennial Forb, Legume
Round-headed Bush Clover	Lespedeza capitata <small>Summer, Fall</small>	0.0034	0.010	4	2.9385	0.03%	Perennial Forb, Legume
Stiff Goldenrod	Oligoneuron rigidum <small>Summer, Fall</small>	0.017	0.250	4	15.0597	0.63%	Perennial Forb
Wild Bergamot	Monarda fistulosa <small>Summer, Fall</small>	0.019	0.500	3	25.7117	1.25%	Perennial Forb
Wild Petunia	Ruellia humilis <small>Summer</small>	0.0052	0.010	5	1.9100	0.03%	Perennial Forb
Ohio Spiderwort	Tradescantia ohiensis <small>Spring, Summer</small>	0.0034	0.010	4	2.9385	0.03%	Perennial Forb
Prairie Cinquefoil	Potentilla arguta <small>Summer, Fall</small>	0.036	3.000	9	84.4812	7.50%	Perennial Forb

