

Customize Options to Suit Site Conditions



United States Department of Agriculture
Natural Resources Conservation Service

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

Prairie
 Savanna
 Wetland
 Woodland

CHOOSE A RATE SPECIFICATION:

lbs/acre PLS
 Seeds/ft2 PLS

Current Version 09/09/22

CHOOSE YOUR GRASSES

Common Name	Scientific Name <i>Growth Form</i>	Lbs / acre PLS	Seeds / ft2 PLS	Coefficient of Conservatism	# Seeds / ft ² @ 1 lb. / ac	% of Mix	Functional Group
		Equivalent rate below					
Little Bluestem	Schizachyrium scoparium <i>Bunch</i>	0.545	3.000	7	5.5096	7.50%	Perennial Warm Season Grass
Sideoats Grama	Bouteloua curtipendula <i>Rhizomatous</i>	0.227	0.500	7	2.2039	1.25%	Perennial Warm Season Grass
Prairie Oval Sedge	Carex brevior <i>Bunch</i>	0.0094	0.100	4	10.6520	0.25%	Perennial Cool Season Sedge
Virginia Wildrye	Elymus virginicus <i>Bunch</i>	0.097	0.150	4	1.5427	0.38%	Perennial Cool Season Grass
Fox Sedge	Carex vulpinoidea <i>Bunch</i>	0.027	1.000	3	36.7309	2.50%	Perennial Cool Season Sedge
Troublesome Sedge	Carex molesta <i>Bunch</i>	0.011	0.100	3	9.1827	0.25%	Perennial Cool Season Sedge
Rough Dropseed	Sporobolus compositus <i>Bunch</i>	0.272	3.000	4	11.0193	7.50%	Perennial Warm Season Grass
Big Bluestem	Andropogon gerardii <i>Bunch</i>	0.054	0.200	6	3.6731	0.50%	Perennial Warm Season Grass
Indiangrass	Sorghastrum nutans <i>Bunch</i>	0.045	0.200	6	4.4077	0.50%	Perennial Warm Season Grass
Junegrass	Koeleria macrantha <i>Bunch</i>	0.024	1.750	8	73.4619	4.38%	Perennial Cool Season Grass

GRAMINOID TOTAL	Species Richness	lbs / acre PLS	seeds / ft² PLS	Average CC
	10	1.312	10.000	5.2

CHOOSE YOUR FORBS/LEGUMES

Common Name	Scientific Name <i>Flowering Period</i>	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 <i>Summer, Fall</i>	0.086	2.900	3	33.792	7.25%	Biennial Forb
Canadian Milkvetch	Astragalus canadensis <i>Summer</i>	0.240	1.500	5	6.244	3.75%	Perennial Forb, Legume
Butterfly Weed	Asclepias tuberosa <i>Summer</i>	0.0063	0.010	7	1.5794	0.03%	Perennial Forb
Gray-headed Coneflower	Ratibida pinnata <i>Summer, Fall</i>	0.182	2.000	4	11.0193	5.00%	Perennial Forb
Purple Prairie Clover	Dalea purpurea <i>Summer, Fall</i>	0.454	3.000	7	6.6116	7.50%	Perennial Forb, Legume
Brown-eyed Susan	Rudbeckia triloba <i>Summer, Fall</i>	0.120	1.500	4	12.4885	3.75%	Biennial Forb
White Prairie Clover	Dalea candida <i>Summer, Fall</i>	0.430	3.000	9	6.9789	7.50%	Perennial Forb, Legume
Pale Purple Coneflower	Echinacea pallida <i>Summer</i>	0.052	0.100	7	1.9100	0.25%	Perennial Forb
Oxeye, False Sunflower	Heliopsis helianthoides <i>Summer, Fall</i>	0.108	0.250	4	2.3140	0.63%	Perennial Forb
Virginia Mountain Mint	Pycnanthemum virginianum <i>Summer, Fall</i>	0.0031	0.250	4	80.8081	0.63%	Perennial Forb
Alumroot	Heuchera richardsonii <i>Spring, Summer</i>	0.0039	1.000	8	257.1166	2.50%	Perennial Forb
Sweet Coneflower	Rudbeckia subtomentosa <i>Summer, Fall</i>	0.032	0.500	6	15.7943	1.25%	Perennial Forb
Blue Sky Aster	Symphyotrichum oolentangiense <i>Summer, Fall</i>	0.017	0.500	8	29.3848	1.25%	Perennial Forb
Wild Bergamot	Monarda fistulosa <i>Summer, Fall</i>	0.019	0.500	3	25.7117	1.25%	Perennial Forb
Common Evening Primrose	Oenothera biennis <i>Summer, Fall</i>	0.042	1.400	2	33.0579	3.50%	Biennial Forb
Obedient Plant	Physostegia virginiana <i>Summer, Fall</i>	0.012	0.100	6	8.0808	0.25%	Perennial Forb
Hairy Aster	Symphyotrichum pilosum <i>Fall</i>	0.0097	0.500	1	51.4233	1.25%	Perennial Forb
Illinois Bundle Flower	Desmanthus illinoensis <i>Summer</i>	0.324	0.500	5	1.5427	1.25%	Perennial Forb, Legume
Old Field Goldenrod	Solidago nemoralis <i>Summer, Fall</i>	0.0091	1.000	5	110.1928	2.50%	Perennial Forb
Ironweed	Vernonia fasciculata <i>Summer, Fall</i>	0.011	0.100	4	8.8154	0.25%	Perennial Forb
White Sage	Artemisia ludoviciana <i>Summer, Fall</i>	0.021	1.920	4	91.8274	4.80%	Perennial Forb
Sneezeweed	Helenium autumnale <i>Summer, Fall</i>	0.063	3.000	5	47.7502	7.50%	Perennial Forb
Round-headed Bush Clover	Lespedeza capitata <i>Summer, Fall</i>	0.017	0.050	4	2.9385	0.13%	Perennial Forb, Legume
Common Milkweed	Asclepias syriaca <i>Summer</i>	0.032	0.050	1	1.5743	0.13%	Perennial Forb
Golden Alexander's	Zizia aurea <i>Spring, Summer</i>	0.124	0.500	7	4.0404	1.25%	Perennial Forb
Large-flowered Beardtongue	Penstemon grandiflorus <i>Spring, Summer</i>	0.097	0.500	7	5.1423	1.25%	Perennial Forb
Rattlesnake Master	Eryngium yuccifolium <i>Summer, Fall</i>	0.036	0.100	7	2.7548	0.25%	Perennial Forb
Swamp Milkweed	Asclepias incarnata <i>Summer</i>	0.028	0.050	4	1.7631	0.13%	Perennial Forb
Wild Garlic	Allium canadense <i>Spring, Summer</i>	0.049	0.010	4	0.2	0.03%	Perennial Forb
Prairie Cinquefoil	Potentilla arguta <i>Summer, Fall</i>	0.018	1.500	9	84.4812	3.75%	Perennial Forb

