## 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<br>Growth Form | Lbs / acre PLS<br>Equivalent rate below | Seeds / ft2 PLS<br>Equivalent rate below | Coefficient of Conservatism | # Seeds / $ft^2$ @ 1 lb. / ac | % of Mix | Functional Group |
|---|---|---|---|---|---|---|---|
| **Big Bluestem** | **Andropogon gerardii** | | **8.000** | 6 | 3.6731 | 20.00% | Perennial Warm Season Grass |
| | Bunch | **2.178** | | | | | |
| **Indiangrass** | **Sorghastrum nutans** | | **4.000** | 6 | 4.4077 | 10.00% | Perennial Warm Season Grass |
| | Bunch | **0.908** | | | | | |
| **Little Bluestem** | **Schizachyrium scoparium** | | **0.500** | 7 | 5.5096 | 1.25% | Perennial Warm Season Grass |
| | Bunch | **0.091** | | | | | |
| **Sideoats Grama** | **Bouteloua curtipendula** | | **0.500** | 7 | 2.2039 | 1.25% | Perennial Warm Season Grass |
| | Rhizomatous | **0.227** | | | | | |
| **Switchgrass** | **Panicum virgatum** | | **2.000** | 7 | 5.1423 | 5.00% | Perennial Warm Season Grass |
| | Rhizomatous | **0.389** | | | | | |
| **Rough Dropseed** | **Sporobolus compositus** | | **8.000** | 4 | 11.0193 | 20.00% | Perennial Warm Season Grass |
| | Bunch | **0.726** | | | | | |
| **Virginia Wildrye** | **Elymus virginicus** | | **1.000** | 4 | 1.5427 | 2.50% | Perennial Cool Season Grass |
| | Bunch | **0.648** | | | | | |
| **Fox Sedge** | **Carex vulpinoidea** | | **4.000** | 3 | 36.7309 | 10.00% | Perennial Cool Season Sedge |
| | Bunch | **0.109** | | | | | |
| **Troublesome Sedge** | **Carex molesta** | | **1.000** | 3 | 9.1827 | 2.50% | Perennial Cool Season Sedge |
| | Bunch | **0.109** | | | | | |
| **Junegrass** | **Koeleria macrantha** | | **1.000** | 8 | 73.4619 | 2.50% | Perennial Cool Season Grass |
| | Bunch | **0.014** | | | | | |

| | Species Richness | lbs / acre PLS | seeds / $ft^2$ PLS | Average CC |
|---|---|---|---|---|
| **GRAMINOID TOTAL** | 10 | 5.398 | 30.000 | 5.5 |

## CHOOSE YOUR FORBS/LEGUMES

| Common Name | Scientific Name<br>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** | | | | | |
| **Wild Bergamot** | **Monarda fistulosa** | | **0.500** | 3 | 25.712 | 1.25% | Perennial Forb |
| | Summer, Fall | **0.019** | | | | | |
| **Purple Prairie Clover** | **Dalea purpurea** | | **1.000** | 7 | 6.6116 | 2.50% | Perennial Forb, Legume |
| | Summer, Fall | **0.151** | | | | | |
| **Gray-headed Coneflower** | **Ratibida pinnata** | | **0.500** | 4 | 11.0193 | 1.25% | Perennial Forb |
| | Summer, Fall | **0.045** | | | | | |
| **Partridge Pea** | **Chamaecrista fasciculata** | | **0.250** | 3 | 1.0 | 0.63% | Annual Forb, Legume |
| | Summer, Fall | **0.252** | | | | | |
| **Illinois Bundle flower** | **Desmanthus illinoensis** | | **0.100** | 5 | 1.5427 | 0.25% | Perennial Forb, Legume |
| | Summer | **0.065** | | | | | |
| **Culver's Root** | **Veronicastrum virginicum** | | **2.400** | 6 | 293.8476 | 6.00% | Perennial Forb |
| | Summer | **0.0082** | | | | | |
| **Foxglove Beardtongue** | **Penstemon digitalis** | | **0.500** | 5 | 47.7502 | 1.25% | Perennial Forb |
| | Spring, Summer | **0.010** | | | | | |
| **Oxeye, False Sunflower** | **Heliopsis helianthoides** | | **0.150** | 4 | 2.3140 | 0.38% | Perennial Forb |
| | Summer, Fall | **0.065** | | | | | |
| **Stiff Goldenrod** | **Oligoneuron rigidum** | | **0.150** | 4 | 15.0597 | 0.38% | Perennial Forb |
| | Summer, Fall | **0.0100** | | | | | |
| **Common Yarrow** | **Achillea millefolium** | | **2.000** | 2 | 65.4729 | 5.00% | Perennial Forb |
| | Summer | **0.031** | | | | | |
| **Pale Purple Coneflower** | **Echinacea pallida** | | **0.150** | 7 | 1.9100 | 0.38% | Perennial Forb |
| | Summer | **0.079** | | | | | |
| **Hoary Vervain** | **Verbena stricta** | | **0.100** | 2 | 10.2847 | 0.25% | Perennial Forb |
| | Summer, Fall | **0.0097** | | | | | |
| **Canadian Milkvetch** | **Astragalus canadensis** | | **0.100** | 5 | 6.2443 | 0.25% | Perennial Forb, Legume |
| | Summer | **0.016** | | | | | |
| **Sweet Coneflower** | **Rudbeckia subtomentosa** | | **0.100** | 6 | 15.7943 | 0.25% | Perennial Forb |
| | Summer, Fall | **0.0063** | | | | | |
| **White Prairie Clover** | **Dalea candida** | | **0.250** | 9 | 6.9789 | 0.63% | Perennial Forb, Legume |
| | Summer, Fall | **0.036** | | | | | |

| | Species Richness | lbs / acre PLS | seeds / ft$^2$ PLS | Average CC |
|---|---|---|---|---|
| FORBS/LEGUMES TOTAL | 16 | 0.855 | 10.000 | 4.7 |

## CHOOSE YOUR VINE OR WOODY PLANT SPECIES

| Common Name | Scientific Name<br>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 | 6.253 | 40.000 | 5.0 | 26 | 25.5 |