## Customize Options to Suit Site Conditions

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

( ) 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 09/09/22*

## CHOOSE YOUR GRASSES

| Common Name | Scientific Name<br>Growth Form | Lbs / acre PLS | Seeds / ft2 PLS | Coefficient of Conservatism | # Seeds / ft$^2$ @ 1 lb. / ac | % of Mix | Functional Group |
|---|---|---|---|---|---|---|---|
| | | Equivalent rate below | | | | | |
| **Big Bluestem** | **Andropogon gerardii** | | **3.500** | 6 | 3.6731 | 8.75% | Perennial Warm Season Grass |
| | Bunch | **0.953** | | | | | |
| **Indiangrass** | **Sorghastrum nutans** | | **2.000** | 6 | 4.4077 | 5.00% | Perennial Warm Season Grass |
| | Bunch | **0.454** | | | | | |
| **Switchgrass** | **Panicum virgatum** | | **4.000** | 7 | 5.1423 | 10.00% | Perennial Warm Season Grass |
| | Rhizomatous | **0.778** | | | | | |
| **Rough Dropseed** | **Sporobolus compositus** | | **8.000** | 4 | 11.0193 | 20.00% | Perennial Warm Season Grass |
| | Bunch | **0.726** | | | | | |
| **Arctic Brome** | **Bromus kalmii** | | **0.100** | 10 | 2.9385 | 0.25% | Perennial Cool Season Grass |
| | Bunch | **0.034** | | | | | |
| **Junegrass** | **Koeleria macrantha** | | **1.000** | 8 | 73.4619 | 2.50% | Perennial Cool Season Grass |
| | Bunch | **0.014** | | | | | |
| **Sand Dropseed** | **Sporobolus cryptandrus** | | **1.400** | 7 | 128.5601 | 3.50% | Perennial Warm Season Grass |
| | Bunch | **0.011** | | | | | |

| | Species Richness | lbs / acre PLS | seeds / ft$^2$ PLS | Average CC |
|---|---|---|---|---|
| **GRAMINOID TOTAL** | 7 | 2.969 | 20.000 | 6.9 |

## 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** | | 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 |
| | 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<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 | | | | | |
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| | 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** | 5.785 | 40.000 | 6.0 | 22 | 27.9 |