## 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

USDA NRCS

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 | | | | | |
| **Little Bluestem** | **Schizachyrium scoparium** | | **2.500** | 7 | 5.5096 | 6.25% | Perennial Warm Season Grass |
| | Bunch | **0.454** | | | | | |
| **Sideoats Grama** | **Bouteloua curtipendula** | | **2.500** | 7 | 2.2039 | 6.25% | Perennial Warm Season Grass |
| | Rhizomatous | **1.134** | | | | | |
| **Blue Grama** | **Bouteloua gracilis** | | **3.000** | 8 | 14.6924 | 7.50% | Perennial Warm Season Grass |
| | Bunch | **0.204** | | | | | |
| **Arctic Brome** | **Bromus kalmii** | | **0.050** | 10 | 2.9385 | 0.13% | Perennial Cool Season Grass |
| | Bunch | **0.017** | | | | | |
| **Rough Dropseed** | **Sporobolus compositus** | | **5.000** | 4 | 11.0193 | 12.50% | Perennial Warm Season Grass |
| | Bunch | **0.454** | | | | | |
| **Fox Sedge** | **Carex vulpinoidea** | | **5.000** | 3 | 36.7309 | 12.50% | Perennial Cool Season Sedge |
| | Bunch | **0.136** | | | | | |
| **Junegrass** | **Koeleria macrantha** | | **1.950** | 8 | 73.4619 | 4.88% | Perennial Cool Season Grass |
| | Bunch | **0.027** | | | | | |

| | Species Richness | lbs / acre PLS | seeds / ft$^2$ PLS | Average CC |
|---|---|---|---|---|
| **GRAMINOID TOTAL** | 7 | 2.426 | 20.000 | 6.7 |

## CHOOSE YOUR FORBS/LEGUMES

| Common Name | Scientific Name<br>Flowering Period | 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 |
|---|---|---|---|---|---|---|---|
| Black-eyed Susan | Rudbeckia hirta | | 4.000 | 3 | 33.792 | 10.00% | Biennial Forb |
| | Summer, Fall | 0.118 | | | | | |
| Gray-headed Coneflower | Ratibida pinnata | | 1.500 | 4 | 11.019 | 3.75% | Perennial Forb |
| | Summer, Fall | 0.136 | | | | | |
| Wild Bergamot | Monarda fistulosa | | 0.500 | 3 | 25.7117 | 1.25% | Perennial Forb |
| | Summer, Fall | 0.019 | | | | | |
| Hoary Vervain | Verbena stricta | | 0.300 | 2 | 10.2847 | 0.75% | Perennial Forb |
| | Summer, Fall | 0.029 | | | | | |
| Illinois Bundle Flower | Desmanthus illinoensis | | 0.250 | 5 | 1.5427 | 0.63% | Perennial Forb, Legume |
| | Summer | 0.162 | | | | | |
| Old Field Goldenrod | Solidago nemoralis | | 2.500 | 5 | 110.1928 | 6.25% | Perennial Forb |
| | Summer, Fall | 0.023 | | | | | |
| Purple Prairie Clover | Dalea purpurea | | 3.000 | 7 | 6.6116 | 7.50% | Perennial Forb, Legume |
| | Summer, Fall | 0.454 | | | | | |
| Illinois Ticktrefoil | Desmodium illinoense | | 0.100 | 6 | 1.5794 | 0.25% | Perennial Forb, Legume |
| | Summer | 0.063 | | | | | |
| White Prairie Clover | Dalea candida | | 1.500 | 9 | 6.9789 | 3.75% | Perennial Forb, Legume |
| | Summer, Fall | 0.215 | | | | | |
| Large-flowered Beardtongue | Penstemon grandiflorus | | 0.300 | 7 | 5.1423 | 0.75% | Perennial Forb |
| | Spring, Summer | 0.058 | | | | | |
| Butterfly Weed | Asclepias tuberosa | | 0.020 | 7 | 1.5794 | 0.05% | Perennial Forb |
| | Summer | 0.013 | | | | | |
| Purple Coneflower | Echinacea purpurea | | 0.100 | 8 | 2.4242 | 0.25% | Perennial Forb |
| | Summer, Fall | 0.041 | | | | | |
| Canadian Milkvetch | Astragalus canadensis | | 2.000 | 5 | 6.2443 | 5.00% | Perennial Forb, Legume |
| | Summer | 0.320 | | | | | |
| Prairie Sunflower | Helianthus pauciflorus | | 0.010 | 8 | 1.9515 | 0.03% | Perennial Forb |
| | Summer, Fall | 0.0051 | | | | | |
| White Sage | Artemisia ludoviciana | | 2.770 | 4 | 91.8274 | 6.93% | Perennial Forb |
| | Summer, Fall | 0.030 | | | | | |
| Golden Alexander's | Zizia aurea | | 0.300 | 7 | 4.0404 | 0.75% | Perennial Forb |
| | Spring, Summer | 0.074 | | | | | |
| Oxeye, False Sunflower | Heliopsis helianthoides | | 0.300 | 4 | 2.3140 | 0.75% | Perennial Forb |
| | Summer, Fall | 0.130 | | | | | |
| Cream Gentian | Gentiana alba | | 0.400 | 5 | 51.4233 | 1.00% | Perennial Forb |
| | Summer, Fall | 0.0078 | | | | | |
| Upland White Aster | Oligoneuron album | | 0.100 | 9 | 23.5078 | 0.25% | Perennial Forb |
| | Summer, Fall | 0.0043 | | | | | |
| Common Milkweed | Asclepias syriaca | | 0.050 | 1 | 1.5743 | 0.13% | Perennial Forb |
| | Summer | 0.032 | | | | | |
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| | Species Richness | lbs / acre PLS | seeds / $ft^2$ PLS | Average CC |
|---|---|---|---|---|
| FORBS/LEGUMES TOTAL | 20 | 1.935 | 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 | 4.361 | 40.000 | 5.8 | 27 | 30.0 |