

Customize Options to Suit Site Conditions



United States Department of Agriculture
Natural Resources Conservation Service

Dry (Xeric)
 Dry/Mesic
 Mesic (Medium)
 Wet/Mesic
 Wet (Hydric)

Prairie
 Savanna
 Wetland
 Woodland

CHOOSE A RATE SPECIFICATION:

lbs/acre PLS
 Seeds/ft² PLS

Current Version 08/24

CHOOSE YOUR GRASSES

| Common Name | Scientific Name Growth Form | Lbs / acre PLS | Seeds / ft ² PLS | Coefficient of Conservatism | # Seeds / ft ² @ 1 lb. / ac | % of Mix | Functional Group |
|--------------------|--|----------------|-----------------------------|-----------------------------|--|----------|-----------------------------|
| | | | | | | | |
| Big Bluestem | <i>Andropogon gerardii</i> Bunch | 1.089 | 4.000 | 6 | 3.6731 | 10.00% | Perennial Warm Season Grass |
| Indiangrass | <i>Sorghastrum nutans</i> Bunch | 0.454 | 2.000 | 6 | 4.4077 | 5.00% | Perennial Warm Season Grass |
| Sideoats Grama | <i>Bouteloua curtipendula</i> Rhizomatous | 0.681 | 1.500 | 7 | 2.2039 | 3.75% | Perennial Warm Season Grass |
| Switchgrass | <i>Panicum virgatum</i> Rhizomatous | 0.583 | 3.000 | 7 | 5.1423 | 7.50% | Perennial Warm Season Grass |
| Virginia Wildrye | <i>Elymus virginicus</i> Bunch | 1.296 | 2.000 | 4 | 1.5427 | 5.00% | Perennial Cool Season Grass |
| Little Bluestem | <i>Schizachyrium scoparium</i> Bunch | 0.363 | 2.000 | 7 | 5.5096 | 5.00% | Perennial Warm Season Grass |
| Rough Dropseed | <i>Sporobolus compositus</i> Bunch | 0.726 | 8.000 | 4 | 11.0193 | 20.00% | Perennial Warm Season Grass |
| Fox Sedge | <i>Carex vulpinoidea</i> Bunch | 0.177 | 6.500 | 3 | 36.7309 | 16.25% | Perennial Cool Season Sedge |
| Prairie Oval Sedge | <i>Carex breviar</i> Bunch | 0.047 | 0.500 | 4 | 10.6520 | 1.25% | Perennial Cool Season Sedge |
| Troublesome Sedge | <i>Carex molesta</i> Bunch | 0.054 | 0.500 | 3 | 9.1827 | 1.25% | Perennial Cool Season Sedge |

| | Species Richness | lbs / acre PLS | seeds / ft ² PLS | Average CC |
|------------------------|------------------|----------------|-----------------------------|------------|
| GRAMINOID TOTAL | 10 | 5.471 | 30.000 | 5.1 |

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> | 0.052 | 1.750 | 3 | 33.792 | 4.38% | Biennial Forb |
| Partridge Pea | Chamaecrista fasciculata <small>Summer, Fall</small> | 0.252 | 0.250 | 3 | 1.0 | 0.63% | Annual Forb, Legume |
| Gray-headed Coneflower | Ratibida pinnata <small>Summer, Fall</small> | 0.045 | 0.500 | 4 | 11.0193 | 1.25% | Perennial Forb |
| Wild Bergamot | Monarda fistulosa <small>Summer, Fall</small> | 0.0078 | 0.200 | 3 | 25.7117 | 0.50% | Perennial Forb |
| Prairie Cinquefoil | Potentilla arguta <small>Summer, Fall</small> | 0.018 | 1.500 | 9 | 84.4812 | 3.75% | Perennial Forb |
| Culver's Root | Veronicastrum virginicum <small>Summer</small> | 0.0034 | 1.000 | 6 | 293.8476 | 2.50% | Perennial Forb |
| Stiff Goldenrod | Oligoneuron rigidum <small>Summer, Fall</small> | 0.017 | 0.250 | 4 | 15.0597 | 0.63% | Perennial Forb |
| Golden Alexander's | Zizia aurea <small>Spring, Summer</small> | 0.050 | 0.200 | 7 | 4.0404 | 0.50% | Perennial Forb |
| Oxeye, False Sunflower | Helioopsis helianthoides <small>Summer, Fall</small> | 0.086 | 0.200 | 4 | 2.3140 | 0.50% | Perennial Forb |
| Purple Prairie Clover | Dalea purpurea <small>Summer, Fall</small> | 0.227 | 1.500 | 7 | 6.6116 | 3.75% | Perennial Forb, Legume |
| Common Milkweed | Asclepias syriaca <small>Summer</small> | 0.013 | 0.020 | 1 | 1.5743 | 0.05% | Perennial Forb |
| Pale Purple Coneflower | Echinacea pallida <small>Summer</small> | 0.052 | 0.100 | 7 | 1.9100 | 0.25% | Perennial Forb |
| Blue Sky Aster | Symphyotrichum oolentangiense <small>Summer, Fall</small> | 0.0085 | 0.250 | 8 | 29.3848 | 0.63% | Perennial Forb |
| Showy Goldenrod | Solidago speciosa <small>Summer, Fall</small> | 0.0063 | 0.220 | 7 | 34.8944 | 0.55% | Perennial Forb |
| Canadian Milkvetch | Astragalus canadensis <small>Summer</small> | 0.080 | 0.500 | 5 | 6.2443 | 1.25% | Perennial Forb, Legume |
| Illinois Ticktrefoil | Desmodium illinoense <small>Summer</small> | 0.032 | 0.050 | 6 | 1.5794 | 0.13% | Perennial Forb, Legume |
| Ironweed | Vernonia fasciculata <small>Summer, Fall</small> | 0.011 | 0.100 | 4 | 8.8154 | 0.25% | Perennial Forb |
| Swamp Milkweed | Asclepias incarnata <small>Summer</small> | 0.028 | 0.050 | 4 | 1.7631 | 0.13% | Perennial Forb |
| Cream Gentian | Gentiana alba <small>Summer, Fall</small> | 0.0019 | 0.100 | 5 | 51.4233 | 0.25% | Perennial Forb |
| Large-flowered beardtongue | Penstemon grandiflorus <small>Spring, Summer</small> | 0.019 | 0.100 | 7 | 5.1423 | 0.25% | Perennial Forb |
| Prairie Sunflower | Helianthus pauciflorus <small>Summer, Fall</small> | 0.0051 | 0.010 | 8 | 1.9515 | 0.03% | Perennial Forb |
| Rattlesnake Master | Eryngium yuccifolium <small>Summer, Fall</small> | 0.036 | 0.100 | 7 | 2.7548 | 0.25% | Perennial Forb |
| Sweet Coneflower | Rudbeckia subtomentosa <small>Summer, Fall</small> | 0.0063 | 0.100 | 6 | 15.7943 | 0.25% | Perennial Forb |
| Showy Ticktrefoil | Desmodium canadense <small>Summer</small> | 0.025 | 0.050 | 6 | 2.0202 | 0.13% | Perennial Forb, Legume |
| Alumroot | Heuchera richardsonii <small>Spring, Summer</small> | 0.0029 | 0.750 | 8 | 257.1166 | 1.88% | Perennial Forb |
| Hoary Vervain | Verbena stricta <small>Summer, Fall</small> | 0.015 | 0.150 | 2 | 10.2847 | 0.38% | Perennial Forb |
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