

Prairie Seed Mix for Dry-Mesic Soils (Non-Sandy Soils)

Grasses & Sedges

| CODE | SCIENTIFIC NAME | COMMON NAME | HEIGHT | | BLOOM COLOR | BLOOM TIME | % OF MIX | | GERMINATION | SURFACE SOWN |
|----------------------------|--------------------------------|------------------------------|----------|-----|-------------|----------------|---------------|---------------|-------------|--------------|
| | | | Min | Max | | | by Weight | by Seed Count | | |
| ANDGER | <i>Andropogon gerardii</i> | Big Bluestem | 6-8' | | N/A | August-October | 1.01% | 0.63% | N/A | |
| BOUCUR | <i>Bouteloua curtipendula</i> | Side-Oats Grama | 1.5-2.5' | | N/A | July-October | 24.23% | 9.06% | N/A | |
| CXBICK | <i>Carex bicknellii</i> | Copper-shouldered Oval Sedge | 1.5-2.5' | | N/A | May-June | 3.03% | 3.21% | 60CM | |
| CXBREV | <i>Carex brevior</i> | Plains Oval Sedge | 1-3' | | N/A | May-June | 1.51% | 2.74% | 60CM | |
| CXGRAV | <i>Carex gravida</i> | Long-awned Bracted Sedge | 1.5-3' | | N/A | May-June | 1.51% | 1.13% | 60CM | |
| CXMOLE | <i>Carex molesta</i> | Field Oval Sedge | 1-2.5' | | N/A | May-June | 3.03% | 4.72% | 60CM | |
| ELYCAN | <i>Elymus canadensis</i> | Canada Wild Rye | 3-5' | | N/A | July-September | 6.06% | 1.96% | N/A | |
| PANVIR | <i>Panicum virgatum</i> | Switch Grass | 3-6' | | Green-Tan | July-September | 1.01% | 0.88% | N/A | |
| SCHSCO | <i>Schizachyrium scoparium</i> | Little Bluestem | 3-4' | | Green | July-October | 16.15% | 15.10% | N/A | |
| Subtotal of Grasses | | | | | | | 57.54% | 39.44% | | |

Flowers

| CODE | SCIENTIFIC NAME | COMMON NAME | HEIGHT | | BLOOM COLOR | BLOOM TIME | % OF MIX | | GERMINATION | SURFACE SOWN |
|----------------------------|--|------------------------|--------|-----|-------------|----------------|----------------|----------------|--------------|--------------|
| | | | Min | Max | | | by Weight | by Seed Count | | |
| ARNATR | <i>Arnoglossum atriplicifolium</i> | Pale Indian-plantain | 3-9' | | White | July-September | 0.50% | 0.19% | 60CM | |
| ASCSYR | <i>Asclepias syriaca</i> | Common Milkweed | 2-6' | | Pink | June-August | 3.03% | 0.76% | 30CM | |
| ASTCAN | <i>Astragalus canadensis</i> | Canada Milk Vetch | 2-4' | | Cream | June-October | 0.25% | 0.27% | 10CM, X | |
| BRIEUC | <i>Brickellia eupatorioides var. corymbulosa</i> | False Boneset | 1-3.5' | | Cream | August-October | 0.50% | 1.01% | N/A | |
| CHAFAS | <i>Chamaecrista fasciculata</i> | Partridge Pea | 6'-2' | | Yellow | July-October | 8.08% | 1.36% | 10CM, X | |
| CIRDIS | <i>Cirsium discolor</i> | Pasture Thistle | 2-8' | | Purple | August-October | 0.50% | 0.20% | N/A | |
| CORLAN | <i>Coreopsis lanceolata</i> | Sand Coreopsis | 1.5-3' | | Yellow | May-July | 1.01% | 1.26% | 30CM | |
| CORTRI | <i>Coreopsis tripteris</i> | Tall Coreopsis | 3-8' | | Yellow | July-October | 0.25% | 0.22% | 60CM | |
| DESCAA | <i>Desmodium canadense</i> | Show Tick Trefoil | 3-6' | | Purple | July-August | 0.50% | 0.17% | N/A | |
| DESILE | <i>Desmodium illinoense</i> | Illinois Tick Trefoil | 2.5-4' | | Purple | July-August | 1.51% | 0.41% | N/A | |
| DRYARG | <i>Dryocallis arguta</i> | Prairie Cinquefoil | 1-3' | | White | June-September | 0.06% | 0.90% | 60CM | X |
| ECHPAL | <i>Echinacea pallida</i> | Pale Purple Coneflower | 2-3' | | Purple | June-July | 4.54% | 1.47% | 90CM | |
| ECHPUR | <i>Echinacea purpurea</i> | Purple Coneflower | 2-5' | | Purple | July-September | 2.02% | 0.83% | N/A | |
| ERYIUC | <i>Eryngium yuccifolium</i> | Rattlesnake Master | 2-5' | | White | July-September | 1.01% | 0.47% | 60CM | |
| HELHEL | <i>Helianthus helianthoides</i> | False Sunflower | 3-5' | | Yellow | June-September | 3.03% | 1.19% | 30CM | |
| LIAPYC | <i>Liatris pycnostachya</i> | Prairie Blazing Star | 2-4' | | Purple | July-September | 1.01% | 0.69% | 60CM | |
| MONFIS | <i>Monarda fistulosa</i> | Wild Bergamot | 2.5-4' | | Purple | July-September | 0.50% | 2.20% | N/A | |
| OLIRIG | <i>Oligoneuron rigidum</i> | Stiff Goldenrod | 2-5' | | Yellow | August-October | 1.01% | 2.58% | 60CM | |
| PARINT | <i>Parthenium integrifolium</i> | Wild Quinine | 2-3.5' | | White | June-September | 1.51% | 0.66% | 60CM | |
| PENDIG | <i>Penstemon digitalis</i> | Foxglove Beardtongue | 2-4' | | White | May-July | 0.25% | 2.05% | 60CM, CS, OW | X |
| PYCTEN | <i>Pycnanthemum tenuifolium</i> | Slender Mountain Mint | 1-3' | | White | June-September | 0.13% | 2.97% | N/A | X |
| RATPIN | <i>Ratibida pinnata</i> | Yellow Coneflower | 2-4' | | Yellow | June-September | 1.51% | 2.83% | 30CM, CS | |
| RUDHIR | <i>Rudbeckia hirta</i> | Black-eyed Susan | 2-3' | | Yellow | June-October | 4.04% | 23.16% | N/A | |
| RUDSUB | <i>Rudbeckia subtomentosa</i> | Sweet Black-eyed Susan | 3-6' | | Yellow | July-October | 0.25% | 0.68% | 30CM | |
| SILINT | <i>Silphium integrifolium</i> | Rosin Weed | 2-6' | | Yellow | July-September | 0.13% | 0.01% | 60CM | |
| SILLAC | <i>Silphium laciniatum</i> | Compass Plant | 6-12' | | Yellow | June-September | 0.25% | 0.01% | 60CM | |
| SYMMLAE | <i>Symphotrichum laeve</i> | Smooth Blue Aster | 1.5-3' | | Blue | August-October | 0.50% | 1.73% | 60CM | |
| SYMNOV | <i>Symphotrichum novae-angliae</i> | New England Aster | 3-5' | | Purple | August-October | 0.13% | 0.52% | 60CM | |
| TRAOHI | <i>Tradescantia ohioensis</i> | Ohio Spiderwort | 2-4' | | Blue | May-July | 1.51% | 0.76% | 120CM, CS | |
| VERSTR | <i>Verbena stricta</i> | Hoary Vervain | 1-3' | | Blue | June-September | 0.76% | 1.32% | 60CM | X |
| VERVIR | <i>Veronicastrum virginicum</i> | Culver's Root | 3-6' | | White | June-August | 0.13% | 6.29% | N/A | X |
| ZIZAUR | <i>Zizia aurea</i> | Golden Alexanders | 1-2.5' | | Yellow | May-June | 2.02% | 1.38% | 60CM, CS | X |
| Subtotal of Flowers | | | | | | | 42.46% | 60.56% | | |
| BASE MIX TOTALS | | | | | | | 100.00% | 100.00% | | |

MIX SUMMARY

| Physical Characteristics of This Mix | | Quality Characteristics of This Mix | |
|---|-------|--|--------|
| Average Mix Height in Feet (by Seed Count) | 2.9 | Number of Native Species in the Mix (Species Richness) | 41.0 |
| LBS of Grass Species in the Mix | 7.1 | Native FQI | 33.9 |
| LBS of Flower Species in the Mix | 5.3 | Native Mean C-Value | 5.3 |
| TOTAL LBS of Native Seed | 12.4 | Native Mean W Value | 2.7 |
| Seeds per Square Foot - TOTAL MIX | 73.0 | % of Mix by Seed Count - Grasses | 27.64% |
| Seeds per Square Foot - Native Species Only | 73.0 | % of Mix by Seed Count - Sedges | 11.80% |
| Seeds per Square Foot - Perennial Native Species Only | 52.0 | % of Mix by Seed Count - Perennial Flowers | 35.84% |
| Percent of Mix (by Seed Count) Requiring Stratification (30+) | 33.5% | | |

GERMINATION CODES

N/A: Seed should germinate upon sowing in a warm location; no pretreatment necessary
 #CM: Seeds germinate after a period of cold, moist stratification, # indicates number of days required
 CS: Seeds germinate most successfully in cool soil
 X: Seeds need scarification
 F: Best planted as fresh seed immediately following harvest or keep cold after harvest
 OW: Best planted outdoors in the fall to naturally over-winter
 B: Best germination may occur in conjunction with burning of the site
 TRI: Seeds germinate after a cycle of cold moist, warm moist, cold moist stratification
 ?: Stratification needs have not been identified

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