

1.00 Acres

Target

Commonly Used  Commercially Available  All Species

Grasses Only  Forbs/Legumes Only  Show All

Native Species Only  Introduced Species Only  Show All

Moisture Regime  None  Xeric (dry)  Mesic (medium)  Hydric (wet)

-OR-  Dry Prairie  Mesic Prairie  Sand Prairie

Habitat  Oak Savanna  Glade  Wetland  Woodland

Pollinator  Monarch  Bee  Show All

Bloom Period  Spring (1)  Summer (2)  Fall (3)  Show All

Bloom Color  Show All  Blue/Purple  White  Pink/Violet

Green  Red/Orange  Yellow

Reset Filters  Clear Mixture  Transfer Mix to Seeding Plan

Lock Header  Unlock Header  Transfer Mix to Favorite Mix 1

Show Mixture  Transfer Mix to Favorite Mix 2

Transfer Mix to Favorite Mix 3

Design Mixture By:  PLS lbs/Acre  PLS/ft<sup>2</sup>  % of Mix by PLS/ft<sup>2</sup>

% of Mix by Base Rate  Show All

| PLS/ft <sup>2</sup> | % of Mix by PLS/ft <sup>2</sup> | % of Mix by Base Rate | Species Richness |
|---------------------|---------------------------------|-----------------------|------------------|
| 20.92               | 51.1%                           | 0.0%                  | 3                |
| 20.00               | 48.9%                           | 0.0%                  | 20               |
| <b>40.92</b>        | <b>100.0%</b>                   | <b>0.0%</b>           | <b>23</b>        |

|                | PLS lbs/acre |
|----------------|--------------|
| Grasses:       | 5.225        |
| Forbs/Legumes: | 2.168        |
|                | <b>7.393</b> |

| # of Species | % of Mix by PLS/ft <sup>2</sup> | Bloom Period |
|--------------|---------------------------------|--------------|
| 4            | 8.26%                           | Spring       |
| 10           | 22.39%                          | Summer       |
| 6            | 18.22%                          | Fall         |

| Common Name            | Scientific Name                             | PLS lbs/acre | PLS/ft <sup>2</sup> | % of Mix by PLS/ft <sup>2</sup> | % of Mix by Base Rate | PLS lbs/acre | PLS/ft <sup>2</sup> | % of Mix by PLS/ft <sup>2</sup> | Missouri Base Rate | Bloom Period | (COC) | Estimated Retail Price per PLS lb | Estimated Retail Cost per Acre | Functional Group            |
|------------------------|---|--------------|---------------------|---------------------------------|-----------------------|--------------|---------------------|---------------------------------|--------------------|--------------|-------|-----------------------------------|--------------------------------|-----------------------------|
| Canada Wildrye         | <i>Elymus canadensis</i>                    | 1.530        |                     |                                 |                       | 0.000        | 4.004               | 9.8%                            | 15.3               |              | 5     | \$15.90                           | \$24.32                        | Perennial Cool Season Grass |
| Little Bluestem        | <i>Schizachyrium scoparium</i>              | 1.825        |                     |                                 |                       | 0.000        | 10.083              | 24.6%                           | 7.3                |              | 5     | \$18.16                           | \$33.14                        | Perennial Warm Season Grass |
| Sideoats Grama         | <i>Bouteloua curtipendula</i>               | 1.870        |                     |                                 |                       | 0.000        | 6.834               | 16.7%                           | 11.0               |              | 7     | \$13.91                           | \$26.02                        | Perennial Warm Season Grass |
| Black-eyed Susan (B)   | <i>Rudbeckia hirta</i>                      | 0.060        |                     |                                 |                       | 0.000        | 2.170               | 5.3%                            |                    | 2            | 1     | \$33.73                           | \$2.02                         | Biennial Forb               |
| Butterfly Milkweed     | <i>Asclepias tuberosa</i>                   | 0.030        |                     |                                 |                       | 0.000        | 0.048               | 0.1%                            |                    | 2            | 5     | \$265.50                          | \$7.97                         | Perennial Forb              |
| Common Milkweed        | <i>Asclepias syriaca</i>                    | 0.040        |                     |                                 |                       | 0.000        | 0.059               | 0.1%                            |                    | 2            |       | \$226.54                          | \$9.06                         | Perennial Forb              |
| Culver's Root          | <i>Veronicastrum virginicum</i>             | 0.006        |                     |                                 |                       | 0.000        | 1.626               | 4.0%                            |                    | 2            | 7     | \$976.69                          | \$5.86                         | Perennial Forb              |
| False Sunflower        | <i>Heliopsis helianthoides</i>              | 0.300        |                     |                                 |                       | 0.000        | 0.752               | 1.8%                            | 15.9               | 3            | 5     | \$57.22                           | \$17.17                        | Perennial Forb              |
| Foxglove Beardtongue   | <i>Penstemon digitalis</i>                  | 0.050        |                     |                                 |                       | 0.000        | 1.840               | 4.5%                            | 4.4                | 1            | 3     | \$329.19                          | \$16.46                        | Perennial Forb              |
| Golden Alexanders      | <i>Zizia aurea</i>                          | 0.050        |                     |                                 |                       | 0.000        | 0.197               | 0.5%                            |                    | 1            | 5     | \$228.89                          | \$11.44                        | Perennial Forb              |
| Gray-headed Coneflower | <i>Ratibida pinnata</i>                     | 0.200        |                     |                                 |                       | 0.000        | 1.963               | 4.8%                            | 4.1                | 3            | 4     | \$189.30                          | \$37.86                        | Perennial Forb              |
| Hoary Vervain          | <i>Verbena stricta</i>                      | 0.150        |                     |                                 |                       | 0.000        | 1.916               | 4.7%                            |                    | 3            | 2     | \$174.15                          | \$26.12                        | Perennial Forb              |
| Lanceleaf Coreopsis    | <i>Coreopsis lanceolata</i>                 | 0.250        |                     |                                 |                       | 0.000        | 1.268               | 3.1%                            |                    | 1            | 5     | \$41.13                           | \$10.28                        | Perennial Forb              |
| New England Aster      | <i>Symphotrichum novae-angliae</i>          | 0.020        |                     |                                 |                       | 0.000        | 0.505               | 1.2%                            |                    | 3            | 4     | \$384.59                          | \$7.69                         | Perennial Forb              |
| Partridge Pea (A)      | <i>Chamaecrista fasciculata</i>             | 0.300        |                     |                                 |                       | 0.000        | 0.448               | 1.1%                            | 26.8               | 2            | 2     | \$24.59                           | \$7.38                         | Annual Forb, Legume         |
| Plains Coreopsis (A)   | <i>Coreopsis tinctoria</i>                  | 0.001        |                     |                                 |                       | 0.000        | 0.074               | 0.2%                            |                    | 1            | 1     | \$23.42                           |                                | Annual Forb                 |
| Purple Coneflower      | <i>Echinacea purpurea</i>                   | 0.400        |                     |                                 |                       | 0.000        | 1.062               | 2.6%                            |                    | 2            | 5     | \$46.34                           | \$18.54                        | Perennial Forb              |
| Purple Prairie Clover  | <i>Dalea purpurea</i>                       | 0.125        |                     |                                 |                       | 0.000        | 0.801               | 2.0%                            | 5.8                | 2            | 8     | \$58.92                           | \$7.36                         | Perennial Forb, Legume      |
| Showy Goldenrod        | <i>Solidago speciosa</i>                    | 0.020        |                     |                                 |                       | 0.000        | 0.698               | 1.7%                            |                    | 3            | 7     | \$498.08                          | \$9.96                         | Perennial Forb              |
| Slender Mountain Mint  | <i>Pycnanthemum tenuifolium</i>             | 0.006        |                     |                                 |                       | 0.000        | 0.833               | 2.0%                            |                    | 2            | 4     | \$268.33                          | \$1.61                         | Perennial Forb              |
| Stiff Goldenrod        | <i>Oligoneuron rigidum, Solidago rigida</i> | 0.070        |                     |                                 |                       | 0.000        | 1.621               | 4.0%                            |                    | 3            | 5     | \$261.95                          | \$18.34                        | Perennial Forb              |
| Swamp Milkweed         | <i>Asclepias incarnata</i>                  | 0.020        |                     |                                 |                       | 0.000        | 0.071               | 0.2%                            |                    | 2            | 4     | \$393.02                          | \$7.86                         | Perennial Forb              |
| Wild Bergamot          | <i>Monarda fistulosa</i>                    | 0.070        |                     |                                 |                       | 0.000        | 2.045               | 5.0%                            | 1.4                | 2            | 4     | \$273.78                          | \$19.16                        | Perennial Forb              |
|                        |   | 7.393        | 0.00                | 0%                              | 0%                    | 0.000        | 40.92               | 100.0%                          |                    |              |       | \$325.65                          |                                |                             |