## Mesic Prairie Southeast

<table>
<thead>
<tr>
<th>Common Name</th>
<th>Scientific Name</th>
<th>Rate (kg/ha)</th>
<th>Rate (lb/ac)</th>
<th>% of Mix (% by wt)</th>
<th>Seeds/ sq ft</th>
</tr>
</thead>
<tbody>
<tr>
<td>big bluestem</td>
<td>Andropogon gerardii</td>
<td>1.01</td>
<td>0.90</td>
<td>7.49%</td>
<td>3.30</td>
</tr>
<tr>
<td>side-oats grama</td>
<td>Bouteloua curtipendula</td>
<td>1.54</td>
<td>1.37</td>
<td>11.38%</td>
<td>3.01</td>
</tr>
<tr>
<td>nodding wild rye</td>
<td>Elymus canadensis</td>
<td>1.18</td>
<td>1.05</td>
<td>8.77%</td>
<td>2.01</td>
</tr>
<tr>
<td>slender wheatgrass</td>
<td>Elymus trachycaulus</td>
<td>1.01</td>
<td>0.90</td>
<td>7.50%</td>
<td>2.28</td>
</tr>
<tr>
<td>switchgrass</td>
<td>Panicum virgatum</td>
<td>0.24</td>
<td>0.21</td>
<td>1.78%</td>
<td>1.10</td>
</tr>
<tr>
<td>little bluestem</td>
<td>Schizachyrium scoparium</td>
<td>1.42</td>
<td>1.27</td>
<td>10.59%</td>
<td>7.00</td>
</tr>
<tr>
<td>Indian grass</td>
<td>Sorghastrum nutans</td>
<td>2.24</td>
<td>2.00</td>
<td>16.68%</td>
<td>8.82</td>
</tr>
<tr>
<td><strong>Total Grasses</strong></td>
<td></td>
<td><strong>8.63</strong></td>
<td><strong>7.70</strong></td>
<td><strong>64.19%</strong></td>
<td><strong>27.52</strong></td>
</tr>
<tr>
<td>butterfly milkweed</td>
<td>Asclepias tuberosa</td>
<td>0.07</td>
<td>0.06</td>
<td>0.53%</td>
<td>0.10</td>
</tr>
<tr>
<td>whorled milkweed</td>
<td>Asclepias verticillata</td>
<td>0.01</td>
<td>0.01</td>
<td>0.10%</td>
<td>0.05</td>
</tr>
<tr>
<td>Canada milk vetch</td>
<td>Astragalus canadensis</td>
<td>0.18</td>
<td>0.16</td>
<td>1.33%</td>
<td>1.00</td>
</tr>
<tr>
<td>partridge pea</td>
<td>Chamaecrista fasciculata</td>
<td>0.67</td>
<td>0.60</td>
<td>5.00%</td>
<td>0.60</td>
</tr>
<tr>
<td>white prairie clover</td>
<td>Dalea candida</td>
<td>0.01</td>
<td>0.01</td>
<td>0.07%</td>
<td>0.06</td>
</tr>
<tr>
<td>purple prairie clover</td>
<td>Dalea purpurea</td>
<td>0.10</td>
<td>0.09</td>
<td>0.76%</td>
<td>0.50</td>
</tr>
<tr>
<td>Canada tick trefoil</td>
<td>Desmodium canadense</td>
<td>0.17</td>
<td>0.15</td>
<td>1.24%</td>
<td>0.30</td>
</tr>
<tr>
<td>ox-eye</td>
<td>Heliopsis helianthoides</td>
<td>0.06</td>
<td>0.05</td>
<td>0.43%</td>
<td>0.12</td>
</tr>
<tr>
<td>rough blazing star</td>
<td>Liatris aspera</td>
<td>0.03</td>
<td>0.03</td>
<td>0.21%</td>
<td>0.15</td>
</tr>
<tr>
<td>great blazing star</td>
<td>Liatris pycnostachya</td>
<td>0.03</td>
<td>0.03</td>
<td>0.29%</td>
<td>0.14</td>
</tr>
<tr>
<td>wild bergamot</td>
<td>Monarda fistulosa</td>
<td>0.01</td>
<td>0.01</td>
<td>0.06%</td>
<td>0.18</td>
</tr>
<tr>
<td>stiff goldenrod</td>
<td>Oligoneuron rigidum</td>
<td>0.02</td>
<td>0.02</td>
<td>0.17%</td>
<td>0.31</td>
</tr>
<tr>
<td>gray-headed coneflower</td>
<td>Ratibida pinnata</td>
<td>0.02</td>
<td>0.02</td>
<td>0.15%</td>
<td>0.20</td>
</tr>
<tr>
<td>black-eyed susan</td>
<td>Rudbeckia hirta</td>
<td>0.06</td>
<td>0.05</td>
<td>0.38%</td>
<td>1.54</td>
</tr>
<tr>
<td>heath aster</td>
<td>Symphyotrichum ericoides</td>
<td>0.01</td>
<td>0.01</td>
<td>0.05%</td>
<td>0.40</td>
</tr>
<tr>
<td>smooth aster</td>
<td>Symphyotrichum laeve</td>
<td>0.06</td>
<td>0.05</td>
<td>0.41%</td>
<td>1.00</td>
</tr>
<tr>
<td>bracted spiderwort</td>
<td>Tradescantia bracteata</td>
<td>0.04</td>
<td>0.04</td>
<td>0.34%</td>
<td>0.15</td>
</tr>
<tr>
<td>blue vervain</td>
<td>Verbena hastata</td>
<td>0.04</td>
<td>0.04</td>
<td>0.37%</td>
<td>1.50</td>
</tr>
<tr>
<td>hoary vervain</td>
<td>Verbena stricta</td>
<td>0.11</td>
<td>0.10</td>
<td>0.85%</td>
<td>1.05</td>
</tr>
<tr>
<td>golden alexanders</td>
<td>Zizia aurea</td>
<td>0.08</td>
<td>0.07</td>
<td>0.60%</td>
<td>0.29</td>
</tr>
<tr>
<td><strong>Total Forbs</strong></td>
<td></td>
<td><strong>1.79</strong></td>
<td><strong>1.60</strong></td>
<td><strong>13.34%</strong></td>
<td><strong>9.64</strong></td>
</tr>
<tr>
<td>Oats</td>
<td>Avena sativa</td>
<td>3.03</td>
<td>2.70</td>
<td>22.47%</td>
<td>1.20</td>
</tr>
<tr>
<td><strong>Total Cover Crop</strong></td>
<td></td>
<td><strong>3.03</strong></td>
<td><strong>2.70</strong></td>
<td><strong>22.47%</strong></td>
<td><strong>1.20</strong></td>
</tr>
<tr>
<td><strong>Totals:</strong></td>
<td></td>
<td><strong>13.45</strong></td>
<td><strong>12.00</strong></td>
<td><strong>100.00%</strong></td>
<td><strong>38.36</strong></td>
</tr>
</tbody>
</table>

### Purpose:
Regional mesic prairie reconstruction for wetland mitigation, ecological restoration, or conservation program plantings.

### Planting Area: