Grass Seeding

Name: BBR 22

Legal Desc: ________________________________  Ident. No: ________________________________

County: Marshall  Program: ________________________________

1. Type of Seeding: streambank  Meets Practice Code: 322

2. Seedbed Preparation: Kind of Seedbed: construction final grade
   Planned: Kind: ______________  Row Spacing: ______________  Height: ______________
   Applied: Kind: ______________  Row Spacing: ______________  Height: ______________
   Recommended Seeding Date: Any  Date Seeded: ______________

   Mulch Planned: Kind: native or brome hay  Rate: 4,000 per acre  Date: ______________

   Mulch Applied: Kind: ______________  Rate: ______________  Date: ______________

   Chemical(s) Planned: None  Rate: ______________  Date: ______________

   Chemical(s) Applied: None  Rate: ______________  Date: ______________

3. Fencing: Required (feet): None  Installed (feet): ______________  Date: ______________

4. Seeding: See page 2 for seeding mix and fertilizer.
   Seeding Method: Hand or Machine Broadcast

   Approved Seeding Dates: ________________________________ to: ________________________________

   Acres Seeded and Field Number: ________________________________  Date(s) Seeded: ________________________________

Natural Resources Conservation Service Representative or Technical Service Provider

Layout by: ________________________________  Date: ______________

Designed by: ________________________________  Date: ______________

Checked by: ________________________________  Date: ______________

Approved by: ________________________________  Date: ______________

Producer's Statement
The design of this practice has been discussed with me, and I concur with the design. **No changes are allowed without the approval of the NRCS Representative or the Technical Service Provider**

Signature: ________________________________  Date: ______________

Attach a copy of an ArcGIS generated conservation plan map denoting field boundary, field number, land use, acres, and north arrow as per National Planning Procedures Handbook, Part 600.31.
<table>
<thead>
<tr>
<th>Species</th>
<th>Variety</th>
<th>PLS (lbs/acre)</th>
<th>Percent of Mix</th>
<th>Acres</th>
<th>Total PLS (lbs)</th>
<th>Bulk Seeded (lbs)</th>
<th>Percent of PLS (%)</th>
<th>Total PLS Seeded (lbs)</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oats</td>
<td>any</td>
<td>100.0</td>
<td>100</td>
<td>2.8</td>
<td>284.00</td>
<td></td>
<td>2.8</td>
<td>284.00</td>
<td></td>
</tr>
<tr>
<td>Switchgrass</td>
<td>Kanlow or Blackwell</td>
<td>6.0</td>
<td>12</td>
<td>0.72</td>
<td>2.04</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Virginia Wildrye</td>
<td>Omaha</td>
<td>25.0</td>
<td>49</td>
<td>12.25</td>
<td>34.79</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Western Wheatgrass</td>
<td>Barton or Flintlock</td>
<td>20.0</td>
<td>39</td>
<td>7.80</td>
<td>22.15</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Fertilizer**

<table>
<thead>
<tr>
<th>Kind</th>
<th>Rate per Acre (Available)</th>
<th>Acres</th>
<th>Total Fertilizer Planned (Available) (lbs)</th>
<th>Applied (lbs)</th>
<th>Percent Available</th>
<th>Total Available</th>
<th>Remarks</th>
</tr>
</thead>
</table>

**Remarks**

* Percent PLS (Pure Live Seed) from seed tag

\[
\frac{(\% \text{ Germ.} + \% \text{ Firm Seed}) \times \text{Purity}}{100} = \_\_\_ + \_\_\_ \times \_\_\_ = \_\_\_\% \\
\]

**Certification**

This applied practice meets Kansas standards and specifications.

NRCS Representative or Technical Service Provider

Date

This practice has been applied as designed.

Producer

Date
### Tree/Shrub Planting

**Name:** BBR 22  
**Legal Desc:**  
**County:** Marshall  
**Soil Map Unit:** 7424, 3775  
**Tree/Shrub Suitability Group:**  

1. **Planting Purpose:** Riparian Buffer  
   **Meets Practice Code:** 322  

2. **Site Preparation:**  
   **Tillage:** X  
   **Hand Scalp:**  
   **Chemical:**  
   **Chemical Planned:**  
   **Application Rate:**  
   **Planned Site Prep Date:**  
   **Applied Site Prep Date:**  
   **Notes:** Trees and Shrubs shall be planted in final construction graded slope

3. **Planting Methods:**  
   **Tree Planter:**  
   **Hand Plant:** X  
   **Broadcast Seed:**  
   **Drill Seeder:**  
   **Planned Planting Date:**  
   **Applied Planting Date:**  
   **Notes:**

4. **Post Plant Weed Control:**  
   **Mechanical:**  
   **Chemical:**  
   **Fabric:**  
   **Chemical Planned:** None  
   **Application Rate:**  
   **Fabric Planned (ft):** None  
   **Fabric Applied (ft):**  
   **Planned Weed Control Date:**  
   **Applied Weed Control Date:**  
   **Notes:**

5. **Acres Planted (Includes width of maintenance area adjacent to planting):**  
   **Acres Planned:**  
   **Acres Applied:**

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**Natural Resources Conservation Service (NRCS) Representative or Technical Service Provider**

**Layout by:**  
**Date:**  
**Designed by:**  
**Date:**  
**Checked by:**  
**Date:**  
**Approved by:**  
**Date:**

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**Producer’s Statement**

The design of this practice has been discussed with me, and I concur with the design. **No changes are allowed without the approval of the NRCS Representative or the Technical Service Provider**

**Signature:**  
**Date:**

Attach a copy of an ArcGIS generated conservation plan map denoting field boundary, field number, land use, acres, and north arrow as per National Planning Procedures Handbook, Part 600.31.
Name BBR 22

Use of Seedlings

<table>
<thead>
<tr>
<th>Row No.</th>
<th>Species</th>
<th>Kind of Stock**</th>
<th>Length of Row (ft.)</th>
<th>Within Row Spacing (ft.)</th>
<th>Distance Between This Row and the Next (ft.)</th>
<th>Number of Seedlings Per Row</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Willow</td>
<td>CU</td>
<td>1630</td>
<td>1</td>
<td>8</td>
<td>1630</td>
</tr>
<tr>
<td>2</td>
<td>Cottonwood</td>
<td>BR</td>
<td>1630</td>
<td>10</td>
<td>8</td>
<td>163</td>
</tr>
<tr>
<td>3</td>
<td>Cottonwood</td>
<td>BR</td>
<td>1630</td>
<td>10</td>
<td>8</td>
<td>163</td>
</tr>
<tr>
<td>4</td>
<td>Sycamore</td>
<td>BR</td>
<td>1630</td>
<td>10</td>
<td>10</td>
<td>163</td>
</tr>
<tr>
<td>5</td>
<td>Sycamore</td>
<td>BR</td>
<td>1630</td>
<td>10</td>
<td>10</td>
<td>163</td>
</tr>
<tr>
<td>6</td>
<td>Sycamore</td>
<td>BR</td>
<td>1630</td>
<td>10</td>
<td>10</td>
<td>163</td>
</tr>
<tr>
<td>7</td>
<td>American Plum</td>
<td>BR</td>
<td>1630</td>
<td>10</td>
<td>6</td>
<td>163</td>
</tr>
<tr>
<td>8</td>
<td>American Plum</td>
<td>BR</td>
<td>1630</td>
<td>10</td>
<td>6</td>
<td>163</td>
</tr>
</tbody>
</table>

** BR = Bare Root; CO = Containerized; CU = Cutting

Total Number of Seedlings by Species

<table>
<thead>
<tr>
<th>Species</th>
<th>Total Number by Species</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Planned</td>
</tr>
<tr>
<td>Cottonwood</td>
<td>1630</td>
</tr>
<tr>
<td>Cottonwood</td>
<td>325</td>
</tr>
<tr>
<td>Sycamore</td>
<td>500</td>
</tr>
<tr>
<td>American Plum</td>
<td>325</td>
</tr>
</tbody>
</table>

1150

Direct Seeding

<table>
<thead>
<tr>
<th>Row No.</th>
<th>Species</th>
<th>Acres to be Planted</th>
<th>Planned</th>
<th>Applied</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1*</td>
<td></td>
<td></td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td>2</td>
<td></td>
<td></td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td>3</td>
<td></td>
<td></td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td>4</td>
<td></td>
<td></td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td>5</td>
<td></td>
<td></td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td>6</td>
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</tr>
<tr>
<td>7</td>
<td></td>
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<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td>9</td>
<td></td>
<td></td>
<td>0.0</td>
<td>0.0</td>
</tr>
</tbody>
</table>

0.0 0.0 0.0

* Row No. 1 is always on the north or west side for windbreak/shelterbelt plantings and always nearest streamside for riparian forest buffer plantings. If direct seed broadcasting is the method used for establishment, disregard the Row No. column.

Certification

This applied practice meets Kansas standards and specifications. This practice has been applied as designed.