**TABLE 8 – Weed Response to Herbicides in Forage Sorghum**

<table>
<thead>
<tr>
<th>Soil Applied</th>
<th>SITE OF ACTION</th>
<th>ANNUAL BROADLEAVES</th>
<th>ANNUAL GRASSES</th>
<th>PERENNIALS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Photosynthesis Inhibitors</strong></td>
<td>ATRAZINE</td>
<td>5 1</td>
<td>F F E N E G E G G F E G P F F G P P P F F F N N</td>
<td></td>
</tr>
<tr>
<td><strong>Others</strong></td>
<td>DUAL II MAGNUM/CINCH/PARALLEL</td>
<td>15 1</td>
<td>N N P P F G P N P N P E E E E E E E F N N F b N P</td>
<td></td>
</tr>
<tr>
<td><strong>Postemergence</strong></td>
<td>ATRAZINE</td>
<td>5 1</td>
<td>G G E N G E E G G F E F P F G P P P F F F N N</td>
<td></td>
</tr>
<tr>
<td><strong>Others</strong></td>
<td>2,4-D AMINE</td>
<td>4 3</td>
<td>G F G G G G G G P F G N N N N N N N N F N N N N</td>
<td></td>
</tr>
<tr>
<td></td>
<td>BASAGRAN/BROADLOOM</td>
<td>6 1</td>
<td>E G F F P P F P G F E N N N N N N N N G N G N</td>
<td></td>
</tr>
<tr>
<td></td>
<td>BUCTRIL/MOXY/OTHERS</td>
<td>6 2</td>
<td>G G E E G F G G G G F N N N N N N N P N N N N</td>
<td></td>
</tr>
<tr>
<td></td>
<td>HUSKIE</td>
<td>6/27 2</td>
<td>G G E E G G G G G F N N N N N N N F N N N N</td>
<td></td>
</tr>
</tbody>
</table>

Herbicide Site of Action: The site of action key is located on pages 15-16.

Herbicide Effectiveness: P = Poor; F = Fair; G = Good; E = Excellent; N = None; – = Not enough information to rank.

* The above ratings are a relative comparison of herbicide effectiveness. Weather conditions greatly influence the herbicide’s effectiveness, and weed control may be better under favorable conditions or poorer under unfavorable conditions.

** Crop Tolerance: 1=Minimal risk of crop injury; 2=Crop injury can occur under certain conditions (soil applied – cold, wet; foliar applied – hot, humid); 3=severe crop injury can occur. Follow precautions under Remarks and Limitations and on the label.

a Triazine-resistant lambsquarters

b Control of yellow nutsedge will be increased if the treatment is incorporated in the top 2-3 inches of soil.

c The recommended use rate of Parallel on forage sorghum is a lower rate of the active ingredient when compared to the rate of Dual II Magnum and Cinch. Level of weed control may be affected.
### Forage Sorghum — Preemergence

<table>
<thead>
<tr>
<th>Weed Controlled</th>
<th>Herbicide</th>
<th>Rate lb/A</th>
<th>Formulation/A</th>
<th>Remarks and Limitations</th>
</tr>
</thead>
</table>
| Annual broadleaves | atrazine (AAtrex, others) | 2         | 2 qt 4L       | • DO NOT use on sands, loamy sands, sandy clay loams or any soil with less than 1% organic matter.  
• Heavy rains following application may cause injury.  
• May be applied preplant incorporated.  
• DO NOT apply to sudangrass.  
• See label for details.                                      |
| Annual broadleaves Annual grasses | atrazine (AAtrex, others) + s-metolachlor (Dual II Magnum, Cinch) | 1 + 1.27 | 1 qt 4L + 1.33 pt 7.6L | • CAUTION: Seed must be treated with (Concep II or Screen) herbicide antidote.  
• See label for additional restrictions.  
• Commercial prepackaged mix (Bicep II Magnum) is available. See Table 1C.  
• May be applied preplant incorporated.  
• DO NOT apply to sudangrass or sorghum-sudangrass hybrids.                                      |
|                  | atrazine (AAtrex, others) + metolachlor (Parallel) | 1.2 + 0.98 | 1.2 qt 4L + 1 pt 7.8L | • This is a low rate of the active ingredient when compared to the rate of Dual II Magnum and Cinch. Level of weed control may be affected.  
• CAUTION: Seed must be treated with (Concep II or Screen) herbicide antidote.  
• See label for additional restrictions.  
• May be applied pre-plant incorporated.  
• DO NOT apply to sudangrass or sorghum-sudangrass.  
• DO NOT apply on medium soils with less than 1.5% organic matter.                                      |

### Forage Sorghum — Postemergence

<table>
<thead>
<tr>
<th>Weed Controlled</th>
<th>Herbicide</th>
<th>Rate lb/A</th>
<th>Formulation/A</th>
<th>Remarks and Limitations</th>
</tr>
</thead>
</table>
| Annual broadleaves | atrazine (AAtrex, others) + crop oil concentrate | 1.2 + 1 | 1.2 qt 4L + 1 qt | • Apply after sorghum has reached the 3-leaf stage but before it exceeds 12 inches in height.  
• Apply before common lambsquarters and redroot pigweed reach 6 inches and other broadleaf weeds 4 inches  
• Heavy rainfall following application may cause injury.  
• Do not apply on sands or loamy sands.  
• Do not graze or cut for feed for 21 days following application.  
• Do not apply to sudangrass.                                      |
| 2,4-D amine     | 0.5                  | 1 pt 4L   |               | • Apply when sorghum is 6-8 inches tall.  
• If sorghum is planted in rows, drop nozzles can be used when the crop is 8-15 inches tall.  
• Do not graze or harvest for forage for 14 days after treatment.  
• See remarks and limitations for 2,4-D under “Corn – Postemergence.”  
• Do not apply to sudangrass or sorghum-sudangrass hybrids.  
• Consult the 2,4-D label for clearance on forage sorghum.                                      |

(Continued on next page)
Forage Sorghum — Postemergence (continued)

<table>
<thead>
<tr>
<th>Weed Controlled</th>
<th>Herbicide</th>
<th>Rate lb/A</th>
<th>Formulation/A</th>
<th>Remarks and Limitations</th>
</tr>
</thead>
</table>
| Annual broadleaves | bromoxynil (Bucnrl, Moxy, others) | 0.375 | 1.5 pt 2L | • Apply to weeds less than 4 inches tall for effective control.  
• Do not mix with spray additives or liquid fertilizers.  
• Some leaf burn may occur, especially under cool and cloudy or hot and humid conditions.  
• Do not cut for feed or graze for 45 days after application.  
• Do not apply to sudangrass or sorghum-sudangrass hybrids. |
|                 | bentazon (Basagran/Broadloom) | 0.75 | 0.75 qt 4L | • Do not apply to sorghum that is headed out.  
• Do not graze treated area or feed treated forage to livestock for 21 days following application.  
• Do not make more than one application per season.  
• Urea ammonium nitrate (28% liquid nitrogen) may be used at 1 gal/A instead of crop oil concentrate. Do not use urea ammonium nitrate if common lambsquarters is present.  
• Do not apply to sudangrass or sorghum-sudangrass hybrids. |
|                 | atrazine (commercial product) | 0.75 | 0.75 qt 4L | • Do not mix with spray additives or liquid fertilizers.  
• Some leaf burn may occur, especially under cool and cloudy or hot and humid conditions.  
• Do not cut for feed or graze for 45 days after application.  
• Do not apply to sudangrass or sorghum-sudangrass hybrids. |
|                 | crop oil concentrate | + | 1 qt |  |
| pyrasulfotole + | bromoxynil (Huskie) | 0.21 | 13 oz 2.06L | • Refer to Table 8 for weed control and crop tolerance ratings.  
• Apply to weeds less than 4 inches tall.  
• Huskie can be applied at rates ranging from 12.8-16 oz/A; with a maximum of 32 oz/A per year. A minimum interval of 11 days is needed between applications.  
• Good spray coverage is essential; a minimum of 10 gallons or more of water per acre is needed.  
• Expect some transitory leaf burn from Huskie applications.  
• DO NOT tank-mix Huskie with Lorsban.  
• DO NOT graze or cut for forage 7 days following application.  
• DO NOT harvest for grain or stover within 60 days of application.  
• DO NOT apply to sudangrass or sorghum-sudangrass hybrids. |
|                 | ammonium sulfate | + | 1 lb/A |  |