**TRANSPORT ULTRA™**

**WATER CONDITIONING AGENT AND SURFACTANT HERBICIDE ACTIVATOR**

**PRODUCT PROFILE**

TRANSPORT ULTRA is a low-use rate herbicide activator adjuvant that replaces ammonium sulfate. It combines nonionic surfactant, water conditioning agents and ammonium ions in a premix formulation. TRANSPORT ULTRA enhances the performance of weak acid herbicides, such as dicamba, phenoxyes and glyphosate, by sequestering hard water ions and protonating the herbicide for faster uptake and translocation.

**PRODUCT BENEFITS**

- Improves early weed control - reduces callbacks
- Extra surfactant for performance against tough weeds
- Effective at low use rates
- Reduces product handling
- Won’t plug nozzles like AMS
- Makes Trimec Classic® perform like Super Trimec®

**USE RATES**

Use 1 to 2 quarts (1 to 2 L) of TRANSPORT ULTRA per 100 gallons (379 L) of spray solution.

Select the higher rate when replacing 17 pounds of ammonium sulfate per 100 gallons of spray solution.

Select the lower rate when replacing 8.5 pounds of ammonium sulfate per 100 gallons of spray solution.

**TRIAL DETAILS**

Adjuvant efficacy trials were conducted by Ron Calhoun, Environmental Turfgrass Specialist, and Aaron Hathaway, Research Assistant, associated with Michigan State University. Trial plots were located at Evergreen Cemetery in Lansing, MI. Dandelion (Taraxacum officinale) and buckhorn plantain (Plantago lanceolata) were well represented in each trial area. Percent control was determined using the Henderson-Tilton pre-count/post count method.

In these trials, three adjuvants from Precision Laboratories were tank mixed with the broadleaf herbicides Escalade™ LO, Trimec Classic and Super Trimec. In most treatments, the addition of all adjuvants improved the early response of the target weed to the herbicide. In general, the performance of TRANSPORT ULTRA was superior to the other products, even at lower use rates.

**TRIAL RESULTS**

<table>
<thead>
<tr>
<th>Treatment</th>
<th>May 11 - 28 DAT</th>
<th>May 31 - 82 DAT</th>
<th>May 11 - 28 DAT</th>
<th>May 31 - 18 DAT</th>
</tr>
</thead>
<tbody>
<tr>
<td>ESCALADE, 3 PTS/A</td>
<td>80%</td>
<td>60%</td>
<td>80%</td>
<td>60%</td>
</tr>
<tr>
<td>ESCALADE, 3 PTS/A + TRANSPORT ULTRA, .5 % V/V</td>
<td>100%</td>
<td>80%</td>
<td>100%</td>
<td>80%</td>
</tr>
</tbody>
</table>

* Differences in both Dandelion treatments, and Plantain treatments on May 31 are statistically significant.

**TRIMEC CLASSIC® PERFORMS LIKE SUPER TRIMEC® WITH TRANSPORT ULTRA™ MICHIGAN STATE UNIVERSITY**

<table>
<thead>
<tr>
<th>Treatment</th>
<th>% Control</th>
</tr>
</thead>
<tbody>
<tr>
<td>TRIMEC CLASSIC, 4 PTS/A</td>
<td>80%</td>
</tr>
<tr>
<td>TRIMEC CLASSIC, 4 PTS/A + TRANSPORT ULTRA, .5 % V/V</td>
<td>100%</td>
</tr>
<tr>
<td>SUPER TRIMEC, 3 PTS/A</td>
<td>80%</td>
</tr>
<tr>
<td>SUPER TRIMEC, 3 PTS/A + TRANSPORT ULTRA, .5 % V/V</td>
<td>100%</td>
</tr>
</tbody>
</table>

* Differences between Trimec Classic and Trimec Classic with TRANSPORT ULTRA are statistically significant.

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