2015 Sugarcane Aphid Efficacy Trial #2 – Saline Co., KS.

Jeff Whitworth, Holly Schwarting, Department of Entomology, Kansas State University

Pest: Sugarcane aphid, *Melanaphis sacchari*
Crop: Sorghum

Location: Saline Co., KS

Plant Stage at Application: Soft Dough (double cropped after wheat)

Plot Size: 10 ft. x 10 ft.

Experimental Design: Randomized Complete Block; 4 Replications

Information: Sprayed with hand sprayer delivering 20 gal/acre at ca.30 psi on 18 September, 2015. 84°F, winds, gusting to 10mph from North

Phytotoxicity: None noted


DAT = Days After Treatment

Special Notes: At time of application 100% of plants infested with small colonies of sugarcane aphids (adults and nymphs). Natural enemies, i.e. green and brown lacewings, lady beetles, and parasitic wasps were very active in untreated plots.
### 2015 Sugarcane Aphid Insecticide Efficacy Trial – Saline Co., KS.

Jeff Whitworth, Holly Schwarting, Department of Entomology

Kansas State University

**Treatment Date:** 18 September, 2015

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Top</td>
<td>Bottom</td>
<td>Top</td>
<td>Bottom</td>
</tr>
<tr>
<td>Lorsban Advanced @ 2 pt/a</td>
<td>3.7b</td>
<td>3.1c</td>
<td>0.5b</td>
<td>0.2b</td>
</tr>
<tr>
<td>Mustang Maxx @ 2oz/a</td>
<td>9.9a</td>
<td>25.3a</td>
<td>0.8b</td>
<td>5.9a</td>
</tr>
<tr>
<td>Sivanto @ 4oz/a</td>
<td>4.3b</td>
<td>1.1c</td>
<td>0.3b</td>
<td>0.1b</td>
</tr>
<tr>
<td>Untreated</td>
<td>4.2b</td>
<td>12.4b</td>
<td>1.7a</td>
<td>0.3b</td>
</tr>
</tbody>
</table>

Means within a column followed by the same letter are not significantly different ($P>0.05$; PROC GLM; Mean comparison by LSD [SAS Institute 2003]).

Reference to specific products is provided solely for informational purposes. Experiments with pesticides on non-labeled crops or pests is part of the insecticide registration process, it does not imply endorsement or recommendation of non-labeled uses of pesticides by Kansas State University. All pesticide use must be consistent with current labels.

Kansas State University Agricultural Experiment Station and Cooperative Extension Service