2014 Cattail Caterpillar
Insecticide Efficacy Trial – Dickinson Co., KS.
Jeff Whitworth, Holly Schwarting, Department of Entomology, Kansas State University

Pest: Cattail Caterpillar, *Simyra insularis*

Crop: Sorghum; 4 treatments

Location: Dickinson Co., KS

Growth Stage: 8-9 leaf stage, pre-whorl

Plot Size: 4 rows x 20 ft.

Experimental Design: Randomized Complete Block; 4 Replications

Information: Sprayed with hand sprayer delivering 15 gal/acre at ca.30 psi on 25 July 2014.

Phytotoxicity: None noted

Evaluation: Pre-treatment counts conducted on 22 July 2014 – 100% infested. Counted all live larvae and pupae per 2 center rows on 28 July (3 DAT).
2014 Cattail Caterpillar Insecticide Efficacy Trial – Dickinson Co., KS.
Jeff Whitworth, Holly Schwarting, Department of Entomology, Kansas State University

**Treatment Date:** 25 July, 2014

<table>
<thead>
<tr>
<th>No.</th>
<th>Treatment/Product Name</th>
<th>Cattail Caterpillar larvae and pupae in 2 center rows (Mean ± SE)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>28 July (3DAT)</td>
</tr>
<tr>
<td>1</td>
<td>Untreated</td>
<td>19.8 ± 0.9a</td>
</tr>
<tr>
<td>2</td>
<td>Belt SC @ 2.0 oz/a</td>
<td>10.3 ± 1.3b</td>
</tr>
<tr>
<td>3</td>
<td>Belt SC @ 3.0 oz/a</td>
<td>6.3 ± 0.9c</td>
</tr>
<tr>
<td>4</td>
<td>Prevathon @ 14 oz/a</td>
<td>7.5 ± 0.6bc</td>
</tr>
</tbody>
</table>

Means within a column followed by the same letter are not significantly different ($P>0.05$; PROC ANOVA; 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**