2008 Cattail Caterpillar Insecticide Efficacy Trial – Dickinson Co., KS.

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

Pest: Cattail Caterpillar, Simyra henrici
Crop: Sorghum, whorl stage; 6 treatments
Planting Date: N/A
Plot Size: 4 Rows x 20 ft
Experimental Design: Randomized Complete Block; 4 Replications
Information: Sprayed with hand sprayer delivering 10 gal/acre at 25 psi on 25 July, 2008
Phytotoxicity: N/A
Evaluation: Number of cattail caterpillars /10 plants in 3 locations/plot.
Special Notes: Pre-treatment counts conducted on 25 July, 2008 had 76 Cattail Caterpillars from 10 consecutive plant samples taken from 4 locations i.e. 1.9 caterpillars/plant.
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**Treatment Date:** 25 July, 2008  
**Evaluation Date:** 28 July, 2008

<table>
<thead>
<tr>
<th>No.</th>
<th>Treatment/Product Name</th>
<th>Total number of cattail caterpillars 3 days after treatment/10 plants/plot</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Untreated</td>
<td>11.75 ± 1.03 a</td>
</tr>
<tr>
<td>2</td>
<td>Cobalt @ 16 fl. oz./acre</td>
<td>1.25 ± 0.95 b</td>
</tr>
<tr>
<td>3</td>
<td>Warrior II @ 2.0 fl. oz./acre</td>
<td>2.00 ± 0.91 b</td>
</tr>
<tr>
<td>4</td>
<td>Mustang Max @ 4.0 fl. oz./acre</td>
<td>0.75 ± 0.48 b</td>
</tr>
<tr>
<td>5</td>
<td>Mustang Max + Chlorpyrifos @ 4.0 fl. oz. + 4.0 fl. oz./acre</td>
<td>1.25 ± 0.63 b</td>
</tr>
<tr>
<td>6</td>
<td>Baythroid XL @ 2.0 fl. oz./acre</td>
<td>1.25 ± 0.63 b</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.

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