



2010 Sunflower Head Moth Foliar Treatment Efficacy Trial –
Dickinson Co., KS

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

Pest: Sunflower Head Moth, *Homoeosoma electellum*

Crop: Sunflower; 8 treatments

Location: Dickinson Co., KS

Plot Size: 2 rows x 20 ft.

Experimental Design: Randomized Complete Block; 4 Replications

Information: Sprayed by hand sprayer with ca. 20 gal. H₂O/a. at 30 psi. on 18 July, 2010.

Phytotoxicity: None noted.

Evaluation: Dissected 2 heads/ treatment and counted all larvae on 5 August, 2010

2010 Sunflower Head Moth Foliar Treatment Efficacy Trial – Dickinson Co., KS

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

Evaluation Date: 5 August, 2010

No.	Treatment/Product Name	Rate	Total SHM larvae (2 heads) (mean ± SE)
1	Mustang Max	4.0 oz. / a	3.1 ± 0.1cd
2	Cobalt	19.0 oz. / a	4.6 ± 1.0c
3	Warrior	3.2 oz. / a	4.1 ± 0.6cd
4	Baythroid	2.8 oz. / a	2.0 ± 0.4d
5	Lorsban	1 pt. / a	7.4 ± 1.0b
6	Belt SC + Adj.	2.0 oz. / a	4.9 ± 0.6c
7	Belt SC + Adj.	3.0 oz. / a	3.8 ± 0.7cd
8	Untreated	-	14.0 ± 1.4a

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

K-State Research and Extension is an equal opportunity provider and employer. Issued in furtherance of Cooperative Extension Work, Acts of May 8 and June 30, 1914, as amended. Kansas State University, County Extension Councils, Extension Districts, and United States Department of Agriculture Cooperating, Gary M. Pierzynski, Director.