



2010 Garden Webworm Insecticide Efficacy Trial –
Dickinson Co., KS.

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

Pest: Garden webworm, *Achyra rantalis*

Crop: Alfalfa; 6 treatments

Location: Dickinson Co., KS

Plot Size: 20 ft. x 20 ft.

Experimental Design: Randomized Complete Block; 4 Replications

Information: Sprayed with hand sprayer delivering 20 gal/acre at ca.30 psi on 6 August 2010.

Phytotoxicity: None noted

Evaluation: Number of worms per 10 sweeps on 13 August (7 DAT),
DAT = Days After Treatment

Special Notes: Pre-treatment (sweep net) counts conducted on 6 August, 2010
averaged 5.9 webworm larvae per sweep. Larvae were pretty
mature. Swathed 14 August

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Treatment Date: 6 August, 2010

No.	Treatment/Product Name	Garden webworms / 10 sweeps (Mean \pm SE)
		13 August (7 DAT)
1	Baythroid XL @ 1.6 fl. oz/acre	0.0 \pm 0.0b
2	Cobalt @ 13 fl. oz/acre	0.0 \pm 0.0b
3	Tombstone @ 1.6 fl. oz/acre	0.0 \pm 0.0b
4	Proaxis @ 1.92 fl. oz/acre	0.0 \pm 0.0b
5	Mustang Max EC @ 2.24 fl. oz/acre	0.3 \pm 0.3b
6	Untreated	4.0 \pm 0.7a

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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