



2012 Soybean Podworm (Corn Earworm)
Insecticide Efficacy Trial I
Dickinson Co., KS
Jeff Whitworth, Holly Davis, Department of Entomology,
Kansas State University

Pest: Corn earworm (CEW), *Helicoverpa zea*, very small

Crop: Soybean; 8 treatments

Location: Dickinson Co., KS

Plot Size: 4 rows x 20 ft.

Plant Growth Stage: R4-R5

Experimental Design: Randomized Complete Block; 4 Replications

Information: Sprayed by hand sprayer with ca. 15 gal water/acre at 30 psi. on 19 August, 2011

Phytotoxicity: None noted.

Evaluation: Pretreatment counts –19 August, 2012. Number CEW per 1 ft. of row using beat sheet: Avg. 2.14 CEW/row ft. Samples taken by counting CEW in 2 row ft./plot on 28 August (9 DAT) and 6 September (18 DAT), 2012.

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Trial I - Dickinson Co., KS**

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Treatment Date: 19 August, 2012

No.	Treatment/Product Name	CEW/2 row ft. (Mean ± SE)	
		28 August (9 DAT)	6 September (18 DAT)
1	Belt SC + NIS @ 2.0 oz/acre + 25%	1.0 ± 0.4b	0.5 ± 0.3b
2	Belt SC + NIS @ 3.0 oz/acre + 25%	0.0 ± 0.0c	0.0 ± 0.0b
3	Leverage @ 2.8 + NIS oz/acre + 25%	0.3 ± 0.3bc	0.0 ± 0.0b
4	Stallion @ 8 oz/acre	0.0 ± 0.0c	0.5 ± 0.5b
5	Hero @ 5.0 oz/acre	0.0 ± 0.0c	0.3 ± 0.3b
6	Triple Crown @ 4.8 oz/acre	0.3 ± 0.3bc	0.3 ± 0.3b
7	Warrior II @ 1.92 oz/acre	0.0 ± 0.0c	0.3 ± 0.3b
8	Untreated	3.3 ± 0.8a	2.3 ± 0.6a

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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