



2014 Soybean Foliar Treatment Efficacy Trial –
Dickinson Co., KS

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Pests: Bean leaf beetle (BLB), Green cloverworm (GCW), Stink Bugs (SB), and
Woollybear Caterpillars (WB)

Crop: Soybeans; 10 treatments

Location: Dickinson Co., KS

Plot Size: 10ft. x 20ft.

Experimental Design: Randomized Complete Block; 4 Replications

Information: Sprayed by hand sprayer with ca. 20 gal. H₂O/a. at 30 psi. on 8
September, 2014 – 90 °F with wind SSW 10-15mph.

Phytotoxicity: None noted.

Evaluation: Pretreatment counts –8 September; Averaged 5 BLB, 0.3 GCW,
and 0.5 WB/10 sweeps

Samples taken by taking 10 sweeps/plot on 11 Sept. (3 DAT), 15
Sept. (7 DAT), and 26 Sept. (18 DAT) 2014

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No	Treatment	11 Sept. (3 DAT)		15 Sept. (7 DAT)			26 Sept. (18 DAT)			
		BLB/10 sweeps	WB/ 10 sweeps	BLB/10 sweeps	GCW/10 sweeps	WB/ 10 sweeps	BLB/10 sweeps	GCW/10 sweeps	SB/10 sweeps	WB/ 10 sweeps
1	Cygon 4E @ 0.25 lb ai/a	1.0 ± 0.6b	0.0 ± 0.0b	0.5 ± 0.3b	0.0 ± 0.0b	0.0 ± 0.0a	0.5 ± 0.5a	2.5 ± 1.3bc	1.0 ± 0.6a	0.5 ± 0.5ab
2	Cygon 4E @ 0.50 lb ai/a	0.0 ± 0.0b	0.0 ± 0.0b	0.5 ± 0.3b	0.0 ± 0.0b	0.0 ± 0.0a	0.0 ± 0.0a	1.5 ± 0.5bc	1.5 ± 1.0a	0.5 ± 0.5ab
3	Stallion @ 8.0 oz/a	0.0 ± 0.0b	0.0 ± 0.0b	0.3 ± 0.3b	0.0 ± 0.0b	0.0 ± 0.0a	2.0 ± 0.8a	2.5 ± 1.3bc	1.5 ± 1.5a	0.0 ± 0.0b
4	Hero @ 5.0 oz/a	0.0 ± 0.0b	0.0 ± 0.0b	0.3 ± 0.3b	0.0 ± 0.0b	0.0 ± 0.0a	0.5 ± 0.5a	3.5 ± 1.7b	2.0 ± 0.8a	0.5 ± 0.5ab
5	Mustang Maxx @ 4.0 oz/a	0.8 ± 0.3b	0.0 ± 0.0b	1.0 ± 0.4ab	0.3 ± 0.3b	0.3 ± 0.3a	1.0 ± 0.6a	0.0 ± 0.0c	1.0 ± 0.6a	0.0 ± 0.0b
6	Warrior II @ 1.92 oz/a	0.0 ± 0.0b	0.0 ± 0.0b	0.3 ± 0.3b	0.0 ± 0.0b	0.0 ± 0.0a	2.5 ± 1.3a	0.5 ± 0.5bc	1.5 ± 0.5a	0.0 ± 0.0b
7	Leverage @ 2.8 oz/a	0.3 ± 0.3b	0.0 ± 0.0b	0.5 ± 0.3b	0.0 ± 0.0b	0.3 ± 0.3a	1.5 ± 1.0a	1.5 ± 1.0bc	1.5 ± 1.0a	0.0 ± 0.0b
8	Belt SC 2.0 oz/a	0.8 ± 0.3b	0.0 ± 0.0b	1.0 ± 0.4ab	0.0 ± 0.0b	0.0 ± 0.0a	1.5 ± 1.0a	1.5 ± 1.0bc	0.5 ± 0.5a	0.0 ± 0.0b
9	Belt SC 3.0 oz/a	0.0 ± 0.0b	0.0 ± 0.0b	0.3 ± 0.3b	0.0 ± 0.0b	0.0 ± 0.0a	1.5 ± 1.5a	0.0 ± 0.0c	1.0 ± 1.0a	0.0 ± 0.0b
10	Untreated	3.3 ± 0.9a	1.3 ± 0.3a	1.8 ± 0.6a	3.3 ± 0.5a	0.5 ± 0.5a	1.5 ± 1.5a	8.5 ± 2.2a	2.0 ± 1.4a	1.0 ± 0.6a

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.

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