



2011 Soybean Foliar Treatment Efficacy Trial #2 –
Dickinson Co., KS

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Kansas State University

Pest: Bean leaf beetle (BLB), Corn earworm (CEW), Green cloverworm (GCW)

Crop: Soybean; 7 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. 20 gal H₂O/a. at 30 psi. on 20 August, 2011

Phytotoxicity: None noted.

Evaluation: Pretreatment counts –20 August, 2011. Averaged 1.8 CEW/row ft.
Samples taken by counting all insects in 1 row foot on 28 August (8 DAT) and 1 September (12 DAT) 2011

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Evaluation Dates: 28 August (8 DAT) and 1 September (12 DAT) 2011

Treatment/Product Name	BLB / row foot (mean ± SE) 8 DAT	CEW / row foot (mean ± SE) 8 DAT	GCW / row foot (mean ± SE) 8 DAT	BLB / row foot (mean ± SE) 12 DAT	CEW / row foot (mean ± SE) 12 DAT	GCW / row foot (mean ± SE) 12 DAT
Stallion 3.0 EC @ 5.0 oz/acre	0.8 ± 0.5a	0.8 ± 0.5b	0.0 ± 0.0b	2.3 ± 0.3b	0.3 ± 0.3a	0.3 ± 0.3b
Stallion 3.0 EC @ 8.0 oz/acre	0.3 ± 0.3a	0.0 ± 0.0b	0.3 ± 0.3b	0.8 ± 0.3cd	0.0 ± 0.0a	0.0 ± 0.0b
Hero @ 5.0 oz/acre	0.0 ± 0.0a	0.0 ± 0.0b	0.0 ± 0.0b	0.0 ± 0.0d	0.0 ± 0.0a	0.0 ± 0.0b
Belt SC + NIS @ 2.0 oz/acre + 25%	0.3 ± 0.3a	0.3 ± 0.3b	0.3 ± 0.3b	1.5 ± 0.3bc	0.0 ± 0.0a	0.5 ± 0.3b
Belt SC + NIS @ 3.0 oz/acre + 25%	0.5 ± 0.5a	0.3 ± 0.3b	0.0 ± 0.0b	1.3 ± 0.8bc	0.0 ± 0.0a	0.0 ± 0.0b
Leverage 360 + NIS @ 2.8 oz/acre + 25%	0.0 ± 0.0a	0.5 ± 0.5b	0.0 ± 0.0b	0.0 ± 0.0d	0.3 ± 0.3a	0.0 ± 0.0b
Untreated	0.5 ± 0.5a	2.0 ± 0.4a	6.3 ± 0.6a	5.3 ± 0.5a	0.3 ± 0.3a	10.3 ± 1.9a

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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