



2013 Sorghum Headworm (Corn Earworm)
Insecticide Efficacy Trial –
Dickinson Co., KS.

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Pest: Corn earworm, *Helicoverpa zea*

Crop: Sorghum; 16 treatments

Location: Dickinson Co., KS

Growth Stage: Between flowering and milk stage

Plot Size: 4 rows x 20 ft.

Experimental Design: Randomized Complete Block; 4 Replications

Information: Sprayed with hand sprayer delivering 15 gal/acre at ca.30 psi on 14 September 2013.

Phytotoxicity: None noted

Evaluation: Pre-treatment counts conducted on 14 September 2013 using 1 gal. white bucket and shaking heads into bucket. Sixty heads samples. Average 0.25 larva per head (25% infested). Twenty heads sampled per plot on 21 September (7 DAT).

**2013 Sorghum Headworm (CEW) Insecticide Efficacy Trial –
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Treatment Date: 14 September, 2013

No.	Treatment/Product Name	CEW/20 heads (Mean ± SE)
		21 September (7 DAT)
1	Stallion @ 8 oz/a	0.0 ± 0.0b
2	Stallion @ 11.75 oz/a	0.0 ± 0.0b
3	Mustang Max @ 4.0 oz/a	0.0 ± 0.0b
4	Lorsban @ 1 pt.a	0.5 ± 0.3b
5	Cobalt @ 19 oz/a	0.0 ± 0.0b
6	Prevathon @ 14 oz/a	0.0 ± 0.0b
7	Belt SC @ 2 oz/a + Silwet @ 0.25%v/v	0.0 ± 0.0b
8	Belt SC @ 2 oz/a + Baythroid XL @ 1.3 oz/a + Silwet @ 0.25%v/v	0.0 ± 0.0b
9	Prevathon @ 10 oz/a	0.0 ± 0.0b
10	Prevathon @ 20 oz/a	0.0 ± 0.0b
11	Prevathon @ 10 oz/a + Asana XL @ 5.8 oz/a	0.0 ± 0.0b
12	Belt @ 3 oz/a	0.0 ± 0.0b
13	Intrepid @ 6 oz/a	0.0 ± 0.0b
14	Untreated	4.8 ± 0.4a
15	Fastac EC @ 3.8 oz/a + Surfactant @ 0.25%	0.0 ± 0.0b
16	Fastac EC @ 1.8 oz/a + Surfactant @ 0.25%	0.0 ± 0.0b

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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