



2008 Corn Earworm Insecticide Efficacy Trial –
Dickinson Co., KS.

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Pest: Corn earworm (Sorghum headworm), *Helicoverpa zea*

Crop: Sorghum; 8 treatments

Location: Dickinson Co., KS

Planting Date: To be obtained

Plot Size: 2 rows x 30 ft. with 2 row border between treatments

Experimental Design: Randomized Complete Block; 4 Replications

Information: Treatments applied by hand sprayer delivering 20 gal. /a. at 30 psi on 28 Aug. 2008. Pretreatment counts averaged 1.7 larvae /head.

Phytotoxicity: None noted

Evaluation: Evaluated 10 heads /replication by vigorously shaking sorghum head into white, 1 gallon bucket and counting the corn earworm larvae on 05 September 2008.

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Treatment Date: 28 August 2008

Evaluation Dates: 05 September 2008

No.	Treatment/Product Name and Rate	Corn Earworms /10 heads (Mean ± SE)
1	Cobalt @ 19 fl. oz./acre	0.0 ± 0.0 b
2	Warrior II 2.09 CS @ 1.53 fl. oz./acre	0.8 ± 0.48 b
3	Mustang Max 0.8 EC @ 4.0 fl. oz./acre	0.8 ± 0.48b
4	Baythroid XL @ 2.0 fl. oz./acre	0.3 ± 0.25 b
5	Baythroid XL + Lorsban @ 2.0 fl. oz./acre + @ 8.0 fl. oz./acre	0.0 ± 0.0 b
6	Leverage @ 3.8 fl. oz./acre	0.3 ± 0.25 b
7	Untreated	10.5 ± 1.76 a
8	Lorsban @ 12.0 fl. oz./acre	1.5 ± 0.65 b

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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